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TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 56:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     39.48;
57.18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : 181 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SS: single
unknown
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Best Local Similarity
                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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STATE: MA
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e 2, Appli
2, Appli
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Sequence 2, Appl
Sequence 3, Appl1
Sequence 728, App
Sequence 2, Appl1
Sequence 2, Appl1
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Sequence 727, App
Sequence 2, Appli
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Sequence 3, Appli
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                                                                              (without alignments)
4.377 Million cell updates/sec
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Sequence 2, 1
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                                                                   May 23, 2001, 15:56:41; Search time 109.73 Seconds
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
        GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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US-08-194-338-4
US-08-960-507-6
US-08-785-310A-6
US-08-785-310A-6
US-08-78-310A-21
US-08-50-70-21
US-08-50-721-21
US-09-060-756-727
US-09-060-756-727
US-09-060-756-727
US-09-135-021-2
US-09-135-021-2
US-09-135-021-2
US-09-135-021-2
US-09-135-021-2
US-09-135-021-2
US-09-135-021-2
US-08-442-248-2
US-08-469-537A-103
US-08-469-537A-103
US-08-8977-767-3
US-08-8977-767-3
US-08-8977-924A-10
                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-897-924A-8
US-08-464-590A-14
US-08-207-412B-9
                                                                                                                       141
1 GESWARGGAPRSGGRRCGRGQVAGP 25
                                                                                                                                                                                 185757 seqs, 19210857 residues
                                                                                                                                                                                                                                                                                                                                                                                                                        SUMMARIES
                                                                                                           US-09-518-931-4_COPY_142_166
                                                                                                                                                                                                                                                      Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                - protein search, using sw model
                                                                                                                                                   BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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Match
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MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage COMPUTER: Diskette, 3.50 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Van Leeuwen, Frederik Willem
APPLICANT: Van Leeuwen, Frederik Willem
APPLICANT: Burbach, Johannes Peter Henri
APPLICANT: Burbach, Franklin G.
TITLE OF INVENTION: DIAGNOSIS METHOD AND REAGENTS
NUMBER OF SEQUENCES: 189
CORRESPONDENCE ADDRESS:
ADDRESSE: Banner & Witcoff, Ltd.
STREET: 1 Financial Center
CITY: Boston
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REGISTRATION UNDBER: 34,380
REFERENCE/DOCKET NUMBER: 96,048-A (3255/00784)
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 55.5; DB 2;
Pred. No. 2.8;
                                                                                                       US-07-828-798C-6
US-08-315-868A-6
US-08-812-025-10
US-08-021-931-10
US-07-791-931-10
US-08-726-160-6
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US-08-021-608D-10
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PCT-US94-01782-10
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US-08-021-608D-8
US-08-726-160-8
                                                                             -495-819B-7
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DB 2; Length 470;
                                                                                                            ZIP: 94080
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933,821
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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0; Mismatches
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Pred. No. ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WinPatin (Genericch)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/960,507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Godowski, Paul J.
APPLICANT: Grace, Austin L.
TITLE OF INVENTION: Tie Ligands
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
STREET: 1 DNA WAY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/08960507 Patent No. 6057435 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: P113
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-3216
                                                                                                                                                                                                                                                               CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: P:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-3216
TELEPAX: 650/952-9881
                                  ADDRESSEE: Genentech, Inc. STREET: 1 DNA Way
                                                                 CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: South San Francisco
STATE: California
COUNTRY: USA
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Matches 9; Conservative
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 NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
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16 GASWARAGAPR 26
                                                                                                    USA
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                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-960-507-6
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   Gaps
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   Indels
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STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
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   7;
   Mismatches
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                                                                                                                                                                                             APPLICANT: Venter, John C.
APPLICANT: Fraser, Claire M.
APPLICANT: McCombie, William R.
TITLE OF INVENTION: OCTOPAMINE RECEPTOR
NUMBER OF SEQUENCES: 16
ADDRESSEE: Knobbe, Martens, olson and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 37.6%; Score 53; Best Local Similarity 39.5%; Pred. No. 1 Matches 17; Conservative 1; Mismatch
                                                                                                                                               Sequence 4, Application US/08194338 Patent No. 5474898
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-933-821-6; Sequence 6, Application US/08933821; Patent No. 5972338; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
TITLE OF INVENTION: Tie Ligands
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                                                     6 RGGAPRSGGRRC-GRGQVAGP 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 461 amino acids
 Conservative
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MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                STATE: CA
COUNTRY: USI
ZIP: 92660
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 12;
                                                                                                                               US-08-194-338-4
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Matches
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Length 40;
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FILING DATE: 02-0ct-1996
PRIOR APPLICATION NUMBER: GB 95/20080.4
APPLICATION NUMBER: GB 95/20080.4
FILING DATE: 02-0ct-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/009,832
FILING DATE: 01-3n-1996
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REFERENCE/DOCKET NUMBER: 96,048-A (3255/00784)
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
                         APPLICANT: Burbach, Johannes Peter Henri
APPLICANT: Grosveld, Franklin G.
TITLE OF INVENTION: DIAGNOSIS METHOD AND REAGENTS
WUMBER OF SEQUENCES: 189
CORRESPONDENCE ADDRESS:
ADDRESSE: Banner & Witcoff, Ltd.
STREET: 1 Financial Center
CITY: Boston
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Patent No. 5599671

GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher J
APPLICANT: Alvatore, Christopher A
APPLICANT: A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
      van Leeuwen, Frederik Willem
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Merck & Co., Inc. STREET: P.O. Box 2000 CITY: Rahway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 WARG--GAPRSGGRRCGRGQV 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 WGRGKEGMQGEGGRRRGEGKI 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            34.08;
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MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh IIci
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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Best Local Similarity
Matches 10; Conserve
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COUNTRY: Un
ZIP: 07065
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                                                                                                                                                                                                                                                                              STATE: M. COUNTRY:
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                                                                                                                                                                                                                                                 Length 470;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,310A
FILING DATE: 21-JAN-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REFERENCE/DOCKET NUMBER: UFSD:1226
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: MCKLIGHT, Steven L.
APPLICANT: MCKLIGHT, Steven L.
APPLICANT: Russell, David W.
TITLE OF INVENTION: Neuronal PAS Domain Protein
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
STREET: 268 BUSH STREET, SUITE 3200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 2;
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                                                                                                                                                                                                                                                                                                              Mismatches
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Pred. No. 35
                                                                                                                                                                                                                                                 Score 51;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 48, Application US/08726306A Patent No. 5958684 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6, Application US/08785310A Patent No. 5840532 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (415) 343-4341
TELEFAX: (415) 343-4342
INFORMATION FOR SEQ ID NO: 6:.
SEQUENCE CHARACTERISTICS:
LENGTH: 594 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        35.8%;
61.1%;
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                                                                LENGTH: 470 amino acids TYPE: Amino Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 35.8' Best Local Similarity 61.1 Matches 11; Conservative
                                                                                                                                                                                                                                    Query Match
Best Local Similarity 81.8
Matches 9; Conservative
INFORMATION FOR SEQ ID NO:
                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; MOLECULE TYPE: peptide US-08-785-310A-6
                                                                                                                   ; TOPOLOGY: Linear
US-08-960-507-6
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| GASWARAGAPR 26
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                                                                                                                                                                                                                                                                                                                                                                 Sequence 21, Application US/08560231
Patent No. 5817760
GENERAL INFORMATION:
APPLICANT: Jacobson, Marlene A
APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Luneau, Christopher J
TITLE OF INVENTION: Human Adenosine Receptors
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 2;
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Pred. No. 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Meredith, Roy D.
REGISTRATION NUMBER: 30,777
REFERENCE/DOCKET NUMBER: 18699IA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 10
US-09-080-704A-21
; Sequence 21, Application US/09080704A
                                                                                                                                                                                                                                                         143 WNNCGOPKEGKNHSOGCGEGOVA 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh IIci
OPPERATING SYSTEM: Macintosh
SOFTWARE: Microsoft Word 5.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   143 WNNCGQPKEGKNHSQGCGEGQVA 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 WARGGAPRSG --- GRRCGRGQVA 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Merck & Co., Inc.
P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-4678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 21:
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                                                                                                                                                    33.7%;
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LENGTH: 412 amino acids
                                                                                                                                                    Query Match 33.79
Best Local Similarity 43.59
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              United States
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Best Local Similarity 43.5'
Matches 10; Conservative
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STRANDEDNESS: single
              MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-560-231-21
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Mei
STREET: P.O. I
CITY: Rahway
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                                                    HRAGMENT TYPE: US-08-233-009-21
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US-08-560-231-21
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APPLICANT: Johnson, Robert G
APPLICANT: Johnson, Robert G
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Length 412;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/233,009
FILING DATE: 25-APR-1994
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 47.5; D
Pred. No. 60;
2; Mismatches
                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: us/08/005945
FILIDE DATE:
ATTORNEY, AGENT INFORMATION:
NAME: Meredith, Roy D.
REGISTRATION NUMBER: 186991A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-4678
TELEPHONE: (908)594-4678
TELEPAX: (908)594-4720
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/349,696
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 21, Application US/08233009
Patent No. 5646156
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            143 WNNCGOPKEGKNHSOGCGEGOVA 165
              SOFTWARE: Microsoft Word 5.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 WARGGAPRSG---GRRCGRGQVA 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Merck & Co., Inc. STREET: P.O.Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Bencen, Gerard H
REGISTRATION NUMBER: 35,746
REFERENCE/DOCKET NUMBER: 192
TELECOMMINICATION INFORMATION:
TELEPHONE: (908) 594-3901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 21: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 33.7%;
Best Local Similarity 43.5%;
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 412 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                              LENGTH: 412 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (908)594-4720
                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
                                                                                             CLASSIFICATION: 530
                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-349-696-21
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APPLICANT: Kondo, Keiji
APPLICANT: Inouve, Masayori
TITLE OF INVENTION: STRESS-INDUCED PROTEINS, GENES CODING
TITLE OF INVENTION: THEREFOR, TRANSFORMED CELLS OF ORGANISMS, METHODS AND
TITLE OF INVENTION: APPLICATIONS
OUNDER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                        Gaps
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DB 4; Length 318;
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                                                                                                                                                                                                                              Sequence 2, Application US/07945283
Patent No. 5352596
GENERAL INFORMATION:
APPLICANT: Cheung, Andrew K.
APPLICANT: Wesley, Ronald D.
TITLE OF INVENTION: Pseudorables Virus Deletion Mutants
TITLE OF INVENTION: Involving The EPO and LLT Genes
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Curtis P. Ribando
STREET: 1815 No. 5352596th University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPOTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/945,283
FILING DATE: 19920911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 46.5; DB 1;
Pred. No. 3.3e+02;
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                                        1; Mismatches
33.3%; Score 47; 42.9%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Ribando, Curtis P
REGISTRATION NUMBER: 27976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 309-685-4011 ext.513
TELEFAX: 309-685-4128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 10, Application US/07667276A Patent No. 5470971 GENERAL INFORMATION:
                                                                                   24
                                                                                                                         58 WGTGGAGGAGGSSAGGGGAGG 78
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62.5%;
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AMINO ACID
                                                                                     4 WARGGAPRSGGRRCGRGQVAG
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                                          9; Conservative
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Best Local Similarity
Matches 10; Conserv
                    Best Local Similarity
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CITY: Peoria
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Peo
STATE: IL
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                               US-07-945-283-2
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  Query Match
                                      Matches
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Patent No. 6183957
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Cole, Stewart
APPLICANT: Gordon, Stephen
APPLICANT: Gordon, Stephen
APPLICANT: Billault, Alain
TITLE OF INVENTION: THE GENOME OF A WYCOBACTERIUM USING A BAC-BASED DNA
TITLE OF INVENTION: LIBRARY APPLICATION TO THE DETECTION OF MYCOBACTERIA
FILE REFERENCE: 3495-0169
CURRENT APPLICATION NUMBER: US/09/060,756
CURRENT FILING DATE: 1998-04-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 412;
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                                      APPLICANT: Johnson, Robert G
APPLICANT: Luneau, Christopher J
APPLICANT: Salvatore, Christopher A
TITLE OF INVENTION: Human Adenosine Receptors
CORRESPONDENCE: 28
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 47.5;
Pred. No. 60
                                                                                                                                                                                                                                                                                             COMUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: Windows NT
SOFTWARE: Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/080,704A
FILING DATE: 18 MAY 1998
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Parr, Richard S.
REGIGSTRATION NUMBER: 32,586
REFERENCE/DOCKET NUMBER: 1869
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732)594-4958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                143 WNNCGOPKEGKNHSOGCGEGOVA 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 WARGGAPRSG---GRRCGRGOVA 23
                    APPLICANT: Jacobson, Marlene A
                                                                                                                                                                    ADDRESSEE: Merck & Co., Inc. STREET: P.O. Box 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 43.5%;
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 412 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (732)594.4720
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 743
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
; ORGANISM: Mycobacterium sp.
US-09-060-756-727
                                                                                                                                                                                                                                                            United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
  GENERAL INFORMATION:
                                                                                                                                                                                                                 STATE: No COUNTRY: Un1*
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Weiser & Associates

ADDRESSEE:

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Search completed: May 23, 2001, 15:56:56
Job time: 189 sec
                                                                                        GENERAL INFORMATION:
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APPLICANT: Keating, Mark T.
TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
FILE REFERENCE: 2323-128
CURRENT APPLICATION NUMBER: US/09/135,021A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 223;
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                                                                                                                                          SOFTWARE: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/667,276A
FILING DATE: 11-MAR-1991
CLASSIFICATION: 435
TTORNEY Account.
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es 12;
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53;
: 230 S. Fifteenth Street, Suite 500 Philadelphia
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Pred. No. 53;
0; Mismatches
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Pred. No. 1.3e
2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/814,655
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/094,477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-135-021-80
Sequence 80, Application US/09135021A
Fatent No. 6150104
GeneRal INPORMATION:
                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: Weiser, Gerard J.
REGISTRATION NUMBER: 19,763
REFERENCE/DOCKET NUMBER: 377.E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-875-8383
TELEFAX: 215-875-8394
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                                                                                                                           3: Floppy disk
IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                 TELEPANE: 215-875-8384
TELEPAX: 215-875-8394
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 32.6%;
Best Local Similarity 45.8%;
Matches 11; Conservative
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Best Local Similarity 37.9%;
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 223 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: protein US-07-667-276A-10
                                                                                  ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
US-09-135-021-80
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APPLICANT: Splawski, Igor
APPLICANT: Keating, Mark T.
TITLE OF INVENTION: A HOMOZIGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL
TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12; Indels
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Pred. No. 1.4e+02;
                                                                                                                                                               FILE REFERENCE: 2333-128
CURRENT APPLICATION NUMBER: US/09/135,021A
CURRENT FILING DATE: 1998-08-17
EARLIER APPLICATION NUMBER: 08/874,655
EARLIER PILING DATE: 1997-06-13
EARLIER FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin Ver: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  622 GSTPGSGGPPREGGAHITQPCGSGGSVDP 650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GESWARGGAPRSGG----RRCGRGQVAGP 25
Sequence 2, Application US/09135021A Patent No. 6150104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32.6%;
37.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 32.6
Best Local Similarity 37.9
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
US-09-135-021-2
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Appl Appl Appl Appl Appl Appl

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Sequence Seq
                                                                                                                                                                                                                                Sequence
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Sequence
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/08794796

Patent No. 5885800

GENERAL INFORMATION:

APPLICANT: Emery, John

APPLICANT: Tan, KB

APPLICANT: Trunch, Alem

APPLICANT: Trunch, Alem

APPLICANT: Trunch, Alem

APPLICANT: Trunch, Alem

TITLE OF INVENTION: TWA

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 2;
                                                                        US-08-974-022-42
US-08-208-008C-2
US-08-219-237B-5
US-08-232-087A-9
US-08-097-827-7
US-08-494-574-7
US-08-460-309-17
US-08-125-077-17
US-08-468-846-2
                                                                                                                                                                                                                                                                                         US-08-290-448A-80
US-08-290-448A-80
US-08-175-069A-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: SmithKline Beecham Corporation 709 Swedeland Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SYSTEM: DOS
FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                         US-08-097-827-11
                                                                                                                                                                                                                                                                                                                                                                                                                         ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            UMBER: US/08/794,796
04-FEB-1997
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ZIP. 19406 (COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE
COMPUTER: IBM COMPATIBLE
DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       34,344
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.08;
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 300 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: SMITHKline
STREET: 709 Swedeland
CITY: King of Prussia
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Han, William T
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 610-270-4026
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MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-794-796-2
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2.101 Million cell updates/sec
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Sequence
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Sequence 1
Sequence 4
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                                                                                                                                          May 23, 2001, 15:56:37; Search time 109.73 Seconds
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/cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
                   GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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US-08-974-022-6
US-08-974-022-47
US-08-974-022-47
US-08-974-022-47
US-09-042-785A-9
PCT-US91-0220-2
US-08-974-022-2
US-08-974-022-4
US-08-974-022-5
US-08-972-540-6
US-08-469-558-5
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US-08-972-85-2
US-08-972-85-2
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US-08-444-434C-24
US-08-469-202-20
US-08-974-022-45
US-08-147-784-2
US-08-147-784-2
US-08-1431-19
US-08-152-443A-19
PCT-US95-17083-4
US-08-219-237B-2
                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
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73
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

    protein search, using sw model

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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                 Perfect score:
                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                     OM protein
                                                                                                                                                                                                                                                                            Seguence:
                                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Database
                                                                                                                                            Run on:
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Length 401;
                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 49; DB 4;
Pred. No. 1.8;
                                                                                                                                                                                                                                                                     NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UMBER: US/08/974,02:
12-DEC-1995
                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 47, Application US/08974022 Patent No. 6015938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3: Amgen Inc.
1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               67.1%;
63.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                     (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  peptide
internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100 THNRVCECKEG 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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Best Local Similarity
Matches 7; Conserv
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ZIP: 91320-1789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-042-785A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 4
US-08-974-022-47
                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
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Sequence 12, Application US/09042785A
Sequence 12, Application US/09042785A
Sequence 12, Application US/09042785A
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: AND USES THEREFOR
TITLE OF INVENTION: AND USES THEREFOR
                         Gaps
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                         Indels
   0.00036;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                       Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
     Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 49;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: LAHIVE & COCKFIELD, LLP 28 State Street
                                                                                                                                                                                                                                                 APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US/08/974,022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
BEDIUM TYPE: Floppy disk
CMBUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICATION NUMBER: 08/577,788
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                         3: Amgen Inc.
1840 Dehavilland Drive
                                                                                                                                                                                           Sequence 6, Application US/08974022 Patent No. 6015938
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 100.08;
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63.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Winter, Robert B. REFERENCE/POCKET NUMBER: INFORMATION FOR SEQ ID NO: 6 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 63.0
Tr Conservative
Best Local Similarity 100.
Matches 12; Conservative
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ADDRESSEE: LAHIVE &
                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1840 Dehavil
CITY: Thousand Oaks
STATE: California
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                                                                                 108 THNRACRCRIGF 119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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                                                           1 THNRACRCRTGF 12
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ZIP: 91320-1789
                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDAL.
STREET: 20
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                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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GENERAL INFORMATION:

APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application PC/TUS9102207
GENERAL INFORMATION:
APPLICANT: Smith, Craig A.
APPLICANT: Goodwin, Raymond G.
TITLE OF INVENTION: Isolated Viral Protein Cytokine Antagonists
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 4; Length 325;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3; Indels
                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin rc_LOS,MS-DUS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
APPLICATION NUMBER: W 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT IRFORMATION:
NAME: Mandragouras, Amy E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       64.4%; Score 47;
63.6%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Mandragouras, Amy E
REGIGYRATION NUMBER: 36,207
REFERENGE/DOCKET WUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
  Sequence 9, Application US/09042785A
Patent No. 6194151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 325 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                       CITY: Boston
STATE: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 THNRACRCRTG 11
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PCT-US91-02207-2
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Patent No. 5464938
GENERAL INFORMATION:
APPLICANT: Smitch, Craig A.
APPLICANT: Goodwin, Raymond G.
TITLE OF INVENTION: Isolated Viral Protein TNF Antagonists
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 325,
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,549
                                                                                                                                                                     Score 47; DB 3;
Pred. No. 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
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Pred. No. 3;
1; Mismatches
                                                                                                                                                                                                               1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER REMARKE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Perkins, Patricia A.
REGISPRATION UNMER: 34,693
REFERENCE, DOCKET NUMBER: 2602-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 233-0644
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/963,330
FILING DATE: 10/19/92
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Immunex Corporation
51 University Street
                                                                                                                                                                       64.48;
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63.68;
                    : 207 amino acids
amino acid
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                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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Matches 7; Conservative
SEQUENCE CHARACTERISTICS
                                                    STRANDEDNESS: single
                                                                      TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-974-022-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: protein US-08-292-549-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 51 Universi
CITY: Seattle
STATE: washington
COUNTRY: USA
ZIP: 98101
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US-09-042-785A-9
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US-08-292-549-2
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Sequence 13. Application US/09042785A

Patent No. 6194151

GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J

TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY

TITLE OF INVENTION: AND USES THEREFOR

NUMBER OF SEQUENCES: 31
CORRESPONDENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSE: LAHLYE & COCKFIELD, LLP

STREDT: 28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 3; Length 401;
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APPLICATION NUMBER: US/08/974,022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 47; DB :
Pred. No. 3.7;
0; Mismatches
                                                                                                                                                                                        APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROFEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER: US/08/974,022
12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                SSEE: Amgen Inc.
1: 1840 Dehavilland Drive
Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/577,788
                                                                                                                                  Sequence 4, Application US/08974022 Patent No. 6015938 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          64.4%;
63.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 401 amino acids amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 63.v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein US-08-974-022-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 02109
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                        California
                                      100 THNRVCECEEG 110
    1 THNRACRCRTG 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 91320-1789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
STREET: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-042-785A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                    CITY: 1
STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022 FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                      1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                  Score 47; DI
Pred. No. 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          UMBER: US/08/974,022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/577,788
                CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31.680
REFERENCE/DOCKET NUMBER: 2602
TELECOMUNICATION INFORMATION:
TELEPHONE: (206) 587-0606
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/08974022
Patent No. 6015938
                                                                                                                                                                                                                                                                                                                                                  64.48;
63.68;
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63.68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE TOWNERS: INFORMATION FOR SEO ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 401 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                Query Match 64.4
Best Local Similarity 63.6
Matches 7; Conservative
FILING DATE: 19910329
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            / TOPOLOGY: linear
// MOLECULE TYPE: protein
US-08-974-022-2
                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: protein PCT-US91-02207-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                ||:| | | ||
99 THDRVCNCSTG 109
                                                                                                                                                                                                                                                      linear
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Gaps
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APPLICANT: Holtet, Thor Las
APPLICANT: Holtet, Thor Las
APPLICANT: Holtet, Thor Las
APLICANT: Etzerodt, Michael
TITLE OF INVENTION: Improved method for the refolding of
TITLE OF INVENTION: proteins
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: 1518 & Richardson
STREET: 225 Franklin Street
                                                                                                                                            63.0%; Score 46; DB 1; Length 355; 58.3%; Pred. No. 4.6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SUSTWARE: #1.25
APPLICATION DATA:
APPLICATION NUMBER: US/08/469,486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 46; DB 1
Pred. No. 48;
1; Mismatches
                                                                                                                                                                                  1; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/192,060
FILING DATE: February 4, 1994
ATTORNEY AGENT INFORMATION:
NAME: Paul T. Clark
REGISTRATION NUMBER: 30,162
                                                                                                                                                                                                                                                                                                                            RESULT 12
US-08-469-486-52
Sequence 52, Application US/08469486
Patent No. 5739281
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 542 5070
TELEFAX: 617 542 8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 200154
INFORMATION FOR SEQ ID NO: 52:
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77.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 4544 amino acids
LENGTH: 355 amino acids TYPE: amino acid
                                                                                                                                          Query Match 63.0°
Best Local Similarity 58.3°
Matches 7; Conservative
                             ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-292-549-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; MOLECULE TYPE: protein US-08-469-486-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Massachusetts
                                                                                                                                                                                                                                                    CITY: bc.
STATE: Massache.
COUNTRY: USA
TP: 02110-2804
                                                                                                                                                                                                                          1 THNRACRCRTGF 12
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Best Local Similarity
Matches 7; Conserv
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502 RTCRCRSGF 510
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GENERAL INFORMATION:
GAPLICANT: Smith, Craig A.
APPLICANT: Goodwin, Raymond G.
TITLE OF INVENTION: Isolated Viral Protein TNF Antagonists
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
CITY: Seattle
STATE:: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 401;
    MEDIUM TYPE: KIOPPY GLENK
COMPUTER: ILOPPY GLENK
COMPUTER: PLOPPY GLENK
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORREY/AGENT INFORMATION:
NAME: Mandraqueras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
TELECOMMUNICATION SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 47; DB '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/963,330
FILING DATE: 10/19/92
ATTORNEY/AGENT INFORMATION:
NAME: PETKING, PARTICLA A.
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2602-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/08292549 Patent No. 5464938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
TELEFAX: (206) 233-0644
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         64.4%;
63.6%;
  Floppy disk
                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100 THNRVCECEEG 110
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SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974.022
                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 44; DB 4;
Pred. No. 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                       NAME: Arnold, Beth E. REGISTRATION NUMBER: 35,430
REFENCE/DOCKET NUMBER: MAA-003.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                    APPLICATION NUMBER: US/08/872,855
FILING DATE: 11-JUN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JMBER: US/08/974,022
12-DEC-1995
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 52, Application US/08974022
; Patent No. 6015938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/577,788
                                                                                   IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60.3%;
70.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 685 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 70.0
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-872-855-2
                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     California
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423 SRMCRCRPGF 432
                    02109-2170
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ZIP: 91320-1789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 NRACRCRTGF 12
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    USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 15
US-08-974-022-52
    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                                            APPLICANT: The gersen, Hans Christian
APPLICANT: Holtet, Thor Las
APPLICANT: Holtet, Thor Las
APPLICANT: Holtet, Michael
TITLE OF INVENTION: IMPROVED METHOD FOR THE REFOLDING OF
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08872855
Patent No. 6121045
GENERAL INFORMATION:
APPLICANT: MCCarthy, Sean
APPLICANT: Gearing, David
TITLE OF INVENTION: NOVEL HUMAN DELTA3 COMPOSITIONS AND
TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC COMPATIBL
SOFTWARE: PATENTIN Release #1.0, Version
SOFTWARE: PAT.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,658
FILING DATE: June 5, 1995
CLASSIFICATION NUMBER: 08/192,060
FILING DATE: February 4, 1994
CLASSIFICATION NUMBER: 08/192,060
FILING DATE: February 4, 1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: PAUL T. CLARK
REGISTRATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: PAUL T. CLARK
REGISTRATION NUMBER: 30,162
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One Post Office Square
                                                                                                                                                                                                                                     E: Fish & Richardson P.C. 225 Franklin Street
                    Sequence 52, Application US/08469658
Patent No. 5917018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 06
TELECOMUNICATION INFORMATION:
TELEPHONE: 617 542 5070
TELEFAX: 617 542 8906
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77.8%;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 77.8
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                           02110-2804
                                                            GENERAL INFORMATION:
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STREET: 22
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STREET: On
US-08-469-658-52
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                                                                                                                                                                                                                                                                                CITY:
STATE:
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Length 685, 2; Indels

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i. EENGTH: 191 amino acids
i. TYPE: amino acid
i. TYPE: amino acid
i. TYPE: amino acid
i. TRANDEDENESS: single
i. TOPOLOGY: linear
i. MOLECULE TYPE: protein
US-08-974-022-52

Query Match
Best Local Similarity 58.3%; Pred: No. 7.4;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1 THNRACRCRTGF 12
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| Db 80 THNAECECIEGF 91

Search completed: May 23, 2001, 15:56:37
JOb time: 170 sec
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Sequence 6, A
Sequence 51,
Sequence 19,
Sequence 19,
Sequence 4, A
Sequence 2, A
                         Sequence (
Sequence 1
Sequence 1
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             Sequence
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                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Tenery, John
APPLICANT: Tan, KB
APPLICANT: Tran, KB
APPLICANT: Trung, Peter
TITLE OF INVENTION: Tumor Necrosis Related Receptor,
TITLE OF INVENTION: TR4
NUMBER OF SECUENCES: 2
CORRESPED SECUENCES: 3
ADDRESSE: SALTHKILINE Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5,
                                                                                                   PCT-US93-09636-6
US-07-857-224B-51
US-08-444-231-19
US-08-152-443A-19
                                   US-08-646-273-14
US-08-974-022-45
US-08-383-750-6
US-08-684-687-2
US-08-352-678-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                      PCT-US95-17083-4
US-08-219-237B-2
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US-09-290-640-2
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                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/08794796 Patent No. 5885800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Han, William T
REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: GH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEO ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 300 amino acids
TYPE: amino acid
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MEDIUM TYPE: Diskette
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Query Match
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Sequence 2,
Sequence 6,
Sequence 12
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Sequence 4
Sequence 4
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Sequence 1
Sequence 2
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                                                                                      ; Search time 109.73 Seconds
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/cgn2_6/ptodata/2/laa/5B_COMB.pep:*
/cgn2_6/ptodata/2/laa/6A_COMB.pep:*
/cgn2_6/ptodata/2/laa/6B_COMB.pep:*
/cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
          GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-794-796-2
US-08-974-022-4
US-08-974-022-4
US-08-974-022-6
US-08-974-022-6
US-08-911-423-6
US-08-911-423-7
US-08-911-423-7
US-08-911-423-8
US-08-911-43-4
US-08-911-43-4
US-08-911-43-4
US-08-911-43-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-444-231-20
                                                                                                                                                                                                                                  185757 seqs, 19210857 residues
                                                                                                                                         US-09-518-931-4_COPY_129_138
59
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Maximum Match 100%
Listing first 45 summaries

    protein search, using sw model

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                                                                                     May 23, 2001, 15:56:37
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Maximum DB seq length: 2000000000
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Match
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SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/09/042,785A FILLING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U5 08/938,896
FILLING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.30
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Pred. No. 1.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                   NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEPHONE: (517)22-4214
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/08974022; Patent No. 6015938; GENERAL INFORMATION:
APPLICANT: Boyle, Willaim J.
APPLICANT: Calzone, Frank J.
APPLICANT: Calzone, Frank J.
TITLE OF INVENTION: OSTEOPROTEGERIN NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUCHRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FTIING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
COUWTRY: USA
ZIP: 91320-1789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
                                                                       MEDLIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
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80.08;
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                                                                                                                                                                                                                                                                                                                                                                                                                                           : 401 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                         COMPUTER READABLE FORM:
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Best Local Similarity
Thes 8; Conserve
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE:
FRAGMENT TYPE:
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Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busifield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
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Pred. No. 0.064;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/974,022 FILING DATE: 12-DBC-1995
                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Mismatches
                                                                                                                                                                                                                                                               APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
UNMER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1840 Dehavilland Drive CITY: Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
                                                                                                                                                                                                         Sequence 4, Application US/08974022 Patent No. 6015938 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS
               100.0%;
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80.0%;
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NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
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                 Best Local Similarity 100.
Matches 10; Conservative
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Massachusetts
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Best Local Similarity
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Length 401;

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NOVEL MOLECULES OF THE THE RECEPTOR SUPERFAMILY AND USES THEREFOR
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                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEYAGENT INFORMATION:
NAME: Mandragouras, Amy E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 48; DB
Pred. No. 3.6;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                S: FISH & RICHARDSON P.C.
4225 EXECUTIVE SQUARE, STE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/POCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
                                                                                           ADDRESSEE: LAHIVE & COCKFIELD, LLP STREET: 28 State Street
                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 34, Application US/08602359A Patent No. 5942430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ROBERTSON, Daniel E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ESTERASES NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LINK, Steven
SWANSON, Ronald V.
WARREN, Patrick V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MURPHY, Dennis
REID, John
MAFFIA, Anthony
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617)742-4214
INFORMATION FOR SEQ 1D NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acida
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KOSMOTKA, Anna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 81.4
Best Local Similarity 80.0
Matches 8; Conservative
                                                                                                                               CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: peptide FRAGMENT TYPE: internal
                                                       NUMBER OF SEQUENCES: 3. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: LA.JOLLA
STATE: CALIFORNIA
                   TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            121 HRSCPPGFGV 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 HASCPPGAGV 10
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                Length 401;
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                                                                                                                                                DB 3;
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; Mismatches
                                                                                                                                                                                    Mismatches
                                                                                                                                                Score 49;
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
UNMER OF SEQUENCES: S3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Angen Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               UMBER: US/08/974,022
12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/09042785A Patent No. 6194151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
FILING DATE:
                                                                                                                                                                                                                                                                                                     RESULT 5
US-08-974-022-6
; Sequence 6, Application US/08974022
; Patent No. 6015938
                                                                                                                                              83.1%;
80.0%;
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80.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 401 amino acids TYPE: amino acid
                    401 amino acids
                                                                                                                                              Query Match 83.1
Best Local Similarity 80.0
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 80.0
Matches 8; Conservative
SEQUENCE CHARACTERISTICS
                                                                    ; MOLECULE TYPE: protein US-08-974-022-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     California
                                    amino acid
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                                                         linear
                                                                                                                                                                                                                     1 HASCPPGAGV 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-042-785A-12
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                                                   TOPOLOGY:
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                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE:
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GENERAL INCORMATION:
APPLICANT: Gorman, Daniel M.
APPLICANT: Randall, Albert
APPLICANT: Zlochik, Albert
TITLE OF INVENTION: MAMMALIAN CELL SURFACE ANTIGENS; RELATED
TITLE OF INVENTION: REAGENTS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             72.9%; Score 43; DB 4; Length 232; 70.0%; Pred. No. 12; 1ive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                         Score 43; DB
Pred. No. 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,423
FILING DATE: 14-AUG-1997
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 60/023,419
FILING DATE: 16-AUG-1996
PRIOR APPLICATION NUMBER: US 60/027,901
FILING DATE: 07-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: DNAX Research Institute
901 California Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/08911423 Patent No. 6111090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              34,090
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                                                                                                                                                                                                         72.9%;
70.0%;
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                                                        228 amino acids
                                                                                                                                                                                        Ouery Match
Best Local Similarity 70.v.
7: Conservative
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Best Local Similarity 70.0%
 TELEFAX: 650-496-1200
                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Ching, Edwin P. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       650-496-1200
                                     SEQUENCE CHARACTERISTICS
                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-911-423-6
                                                                                              single
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; MOLECULE TYPE: peptide
US-08-911-423-7
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California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: PatentI
                                                                          TYPE: amino acid STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                      1 HASCPPGAGV 10
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                                                        LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: MAMMALIAN CELL SURFACE ANTIGENS; RELATED TITLE OF INVENTION: REAGENTS
UNDER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 2; Length 346;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 46; DB 2;
Pred. No. 6.2;
0; Mismatches
                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: HAILE, 1ISA A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09010/010001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-678-5099
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,419
FILING DATE: 16-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,901
FILING DATE: 07-OCT-1996
ATTORNEY/AGENT INFORMATION:
               SOFTWARE: WORD PERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,359A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: DNAX Research Institute
STREET: 901 Callifornia Avenue
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 14-AUG-1997
CLASSIFICATION: 536
IOR ADDITO:
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                                                                    FILING DATE: February 16, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/08911423 Patent No. 6111090
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                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 34: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: AGORMAN, Daniel M.
APPLICANT: Randall, Troy D.
APPLICANT: Zlotnik, Albert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        78.0%;
77.8%;
OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Floppy disk
                                                                                                                                                                                                                                                                                                                                           : 346 AMINO ACIDS
AMINO ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Ching, Edwin P. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: PROTEIN US-08-602-359A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            337 HEECPPGAG 345
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16;
                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,423
FILING DATE: 14-ANG-1997
CLASSIFICATION: 536
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APPLICANT: M.Feldmann, P.W. Gray,
APPLICANT: M.J.C. Turner, F.M Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
TITLE OF INVENTION: Necrosis Factor alpha) Receptor
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,419
FILING DATE: 16-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 60/027,901
FILING DATE: 07-0CT-1996
ATTORNEY/AGENT INFORMATION:
                                                               ADDRESSEE: DNAX Research Institute STREET: 901 California Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     34,090
SR: DX0612K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-050-319B-39; Sequence 39, Application US/08050319B; Patent No. 5633145
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ZIP: 94301

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPATIBLE

THE PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,09C
REFERENCE/DOCKET NUMBER: DY
TELECOMMUNICATION INFORMATION:
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70.0%;
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STREET: 615 Bryant Street
CITY: Palo Alto
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 311 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 72.9
Best Local Similarity 70.0
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-911-423-8
   NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                               CITY: Palo Alto
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 HASCPPGAGV 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
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                                                                                                                                                                                     US-08-911-423-8
Sequence 8, Application US/08911423
Patent No. 6111004
GENERAL INFORMATION:
APPLICANT: Gorman, Daniel M.
APPLICANT: Randall, Troy D.
APPLICANT: 2loculi, Albert
TITLE OF INVENTION: MAMMALIAN CELL SURFACE ANTIGENS; RELATED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 241;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CUDNIKY: USA

ZIP: 94304-1104

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/911,423
FILING DATE: 14-AUG-1997
CLASSIFICATION DATA:
APPLICATION NUMBER: US 60/023,419
FILING DATE: 16-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,419
FILING DATE: 07-OCT-1996
ATTONEY/AGENT INPORMATION:
AMMER: O7-OCT-1996
ANMER: O7-OCT-1996
ANMER: O7-OCT-1996
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DXC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 650-852-9196
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70.0%;
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LENGTH: 241 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 72.9
Best Local Similarity 70.0
Matches 7; Conservative
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1 HASCPPGAGV 10
                               85 HHPCPPGQGV 94
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Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                   Sequence 7, Application US/08219237B
Patent No. 5874546
GENERAL INFORMATION:
APPLICANT: ITOH, Nacto
APPLICANT: YONEHARA, Shin
TITLE OF INVENTION: DNA Coding for Human Cell Surface Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
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                              Length 41;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILLING DATE: US/08/219,237B
FILLING DATE: 28-MAR-1994
                              Score 40; DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                    Mismatches
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,129
FILING DATE: 22-APR-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: James W. Hellwege
REGISTRATION NUMBER: 28,808
                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: James W. Hellwege
STREET: P.O. Box 2266 Eads Station
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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INFORMATION FOR SEQ ID NO: 7:
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Best Local Similarity 70.0
77 Conservative
                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein US-08-219-237B-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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98 HRSCSPGFGV 107
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                                          Best Local Similarity
Matches 7; Conserv
                                                                                                      1 HASCPPGAGV 10
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STATE: Virginia
COUNTRY: USA
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19 HRSCSPGFGV 28
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US-08-219-237B-7
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                              Query Match
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Patent No. 5863786
GENERAL INFORMATION:
APPLICANT: M.J.C. Turner, F.W Gray,
APPLICANT: M.J.C. Turner, F.W Brennan
TITLE OF INVENTION: Modified human TNFalpha (Tumor
TITLE OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,982
                                                                                                                                                                                                                                                                                                                                                                          Score 40; DB Pred. No. 6.5; 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION NUMBER: US/08/050,319
FILING DATE: 10-May-1993
ATTORNEY AGENT INFORMATION:
NAME: RObbins, Roberta L.
REGISTRATION NUMBER: 33.208
REFERENCE/DOCKET NUMBER: 5150-0030
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 617-899
TELEFAX: (415) 327-3231
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
FILING DATE: 10-May 1993
CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: ROBDINS, ROBERTA L.
REGISTRATION NUMBER: 33,208
REFERENCE/COCKET NUMBER: 5150-
TELECOMMUNICATION INFORMATION:
TELEFAM: (415) 37-321
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 amino acids
TYRE: amino acids
STRANDENESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Reed & Robbins
STREET: 635 Bryant Street
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                          67.8%;
70.0%;
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Best Local Similarity 70.0
Matches 7; Conservative
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MOLECULE TYPE: peptide
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19 HRSCSPGFGV 28
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ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: O2109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION NUMBER: US/09/942,785A
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
RETERNACE/DOCKET NUMBER: 36,207
RETERNACE/DOCKET NUMBER: 36,207
TELECHONE: (617)22-740
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 277 amino acids
TYPE: amino acid
TOPPLOGY: Innear
MOLECULE TYPE: internal
US-09-042-785A-10
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Search completed: May 23, 2001, 15:56:41 Job time: 174 sec

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Gaps

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Query Match 67.8%; Score 40; DB 4; Length 277; Best Local Similarity 70.0%; Pred. No. 39; Matches 7; Conservative 0; Mismatches 3; Indels

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Query Match 1.2
Best Local Similarity 100.
Matches 26; Conservative
; TOPOLOGY: linear
US-07-959-509-4
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                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: US
ZIP: 07940
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4855.580 Million cell updates/sec
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Sequence 135, App
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28, Appl
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Sequence 135, App
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                                                                                                                            2205
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Sequence 131,
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Sequence 135,
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Sequence 23,
Sequence 23,
Sequence 23,
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Sequence 23,
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Sequence 2
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                                                            May 23, 2001, 21:56:18; Search time 79.29 Seconds
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.: /cgn2_c/ptodata/1/ina/6A_COMB.seq:*

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GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd.
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US-08-469-569-135
US-08-249-32A-135
US-08-469-52A-135
US-08-734-531A-135
US-08-469-660-135
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US-08-25-264-25

US-08-779-379-23

US-08-779-379-23

US-08-467-389-23

US-08-467-25

US-08-447-010-1

US-08-889-502-20

US-08-883-515-3

US-09-112-096-14

US-09-112-096-14

US-09-112-096-14

US-09-112-096-14

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US-09-112-096-14

US-08-661-168-6
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US-08-734-664A-135
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US-08-470-335-135
                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
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                                                                                                                                                                                                                                                                                                                                                                                                                               SUMMARIES
                                                                                                                                                                                                                                                                             Post-processing: Listing first 45 summaries
                                         - nucleic search, using sw model
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Gapop 60.0 , Gapext 60.0
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seg length: 200000000
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Match Length
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3848
5668
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989
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Perfect score:
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Maximum DB
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GENERAL INFORMATION:
APPLICANT: Lonial, Herinder
APPLICANT: Lonial, Herinder
APPLICANT: Savwant
APPLICANT: Zavodny, Paul
TITLE OF INVENTION: Human Gamma Interferon Antagonist/Agonist Screen
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schering-Plough Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Sequence 3
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                                           US-08-469-569-134
US-08-249-322A-134
US-08-469-526A-134
US-08-34-591A-134
US-08-34-660-134
US-08-341-018-3
US-08-373-0315-134
US-08-735-021-134
US-08-734-664A-134
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US-09-126-640-5
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US-08-565-655-5
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STREET: One Giralda Farms
CITY: Madison
STATE: New Jersey
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: MACINTOSH 6.0.5
SOFTWARE: Microsoft Word 4.00B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/959,509
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/616,621
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Dulak, No. 6001560man C. REGISTRATION NUMBER: 31,608 REFERENCE/DOCKET NUMBER: JB0166 TELECOMMUNICATION INFORMATION: TELEPHONE: 201 822 7375 TELEFRAX: 201 822 7039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/07959509 Patent No. 6001560
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TELEFAX: 219165
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1196 base pairs
"VPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintos
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MEDIUM TYPE: Floppy disk
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ENTION: PRODUCTION OF RECOMBINANT FACTOR XA
ENTION: INHIBITORS OF LEECH HIRUDO MEDICINALIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 469;
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MEDIUM TYPE: Floppy disk.
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/226,264
FILING DATE: 08-APR-94
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 40017-A/JPW/GJG
TELECOMMUNICATION INFORMATION:
metr princip.
   0317/43020-A/JPW/EAB
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0.26;
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1185 Avenue of the Americas
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; Patent No. 5801017
                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-97-9550
TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 469 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                       DNA (genomic)
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MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Werber, Moshe M.
Zeelon, Elisha P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Levanon, Avigdor
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Goldlust, Arie
Rigbi, Meir
                                                                                                                                                                                                                                                                                                                                                                                               N-terminal
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TYPE: nucleic acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper 6 1
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APPLICANT: Werber
                                                                                                                                                                                                                                                                        TOPOLOGY: linea MOLECULE TYPE: DN HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 1185 A. CITY: New York
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US-08-468-347-23
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APPLICANT:
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US-08-226-264-25
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APPLICANT:
APPLICANT:
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APPLICANT:
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0.032;
hes 0; Indels
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Patent No. 578341

GENERAL INFORMATION:

APPLICANT: Zeelon, Elisha P.

APPLICANT: Levanon, Avigdon, Avignon, Avigdon, 
                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/381,691
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 3952 base pairs
                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Alpha-lac Albumin Gene Constructs NUMBER OF SEQUENCES: 17
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 1.2%; Score 26; DB Best Local Similarity 100.0%; Pred. No. 0.C Matches 26; Conservative 0; Mismatches
2180 tctgtcaaaaaaaaaaaaaaaaa 2205
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                                  325 TCTGTCAAAAAAAAAAAAAAAAAAAAAAAA 350
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ZIP: 10112
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                      Sequence 16, Application US/08381691
Patent No. 5852224
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
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                                                                                                                                             RESULT 2
US-08-381-691-16/c
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US-08-468-347-23
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US-08-779-379-23
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                                                                                     Length 469;
                                                                                                                       0; Indels
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US-08-467-389-23
Sequence 23, Application US/08467389
Sequence 23, Application US/08467389
Setent No. 5834641
GENERAL INFORMATION:
APPLICANT: Zeelon, Elisha P.
APPLICANT: Werber, Moshe M.
APPLICANT: Levanon, Avigdor
TITLE OF INVENTION: NOVEL POLYPEPTIDE HAVING FACTOR Xa
TITLE OF INVENTION: INHIBITORY ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/225,442
FILLING DATE: 08-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTATION NUMBER: 28,678
TELECOMNUNCATION INFORMATION:
TELECOMNUNCATION INFORMATION:
TELEFAX: 212-977-9550
TELEFAX: 212-664-0525
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,389
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                                                                                     DB 1;
0.26;
                                                                                 1.1%; Score 24; DB 100.0%; Pred. No. 0.2 tive 0; Mismatches
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Mismatches
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2 IP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: 30 Rockefeller Plaza
CITY: New York
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HYPOTHETICAL: NO
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TYPE: nucleic acid
STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                   Query Match 1.19
Best Local Similarity 100.
Matches 24; Conservative
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Matches 24; Conservative
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CORRESPONDENCE ADDRESS:
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HYPOTHETICAL:
                ; ANTI-SENSE:
US-08-226-264-25
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RESULT

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Sequence 23, Application US/08779379
Patent No. 5858970
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Zeelon, Elisha P.
APPLICANT: Levanon, Avigdor
TITLE OF INVENTION: NOVEL POLYPEPTIDE HAVING FACTOR Xa
TITLE OF INVENTION: INHIBITORY ACTIVITY
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.1%; Score 24; DB 2; Length 469; 100.0%; Pred. No. 0.26; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                 CORPOLER: TAN FO COMPAGE TO CONTROL OF STREMS PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION NUMBER: US/08/779,379 FILING DATE: CLASSIFICATION:
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GENERAL INFORMATION:
APPLICANT: Zeelon, Elisha P.
APPLICANT: Levanon, Avigdor
APPLICANT: Levanon, Avigdor
TITLE OF INVENTION: INHIBITORY ACTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2182 tgtcaaaaaaaaaaaaaaaaaa 2205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/225,442
FILING DATE: 08-APR-1994
ATTORNEY AGENT INFORMATION:
NAME: White, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: White, John P. REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-977-9550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Cooper & Dunham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 469 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 212-664-0525
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
Matches 24; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                               STATE: New York COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGE.

MOLECULE TYPE: DN
                                                                                                                                                                                                                                                           New York
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                                                                                                                                                                                                                                                                                                                    10112
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446 tqtcaaaaaaaaaaaaaaaaa 469

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New York

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ADDRESSEE:
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US-08-447-010-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 10
US-08-889-502-20
                    RESULT 9
US-08-447-010-1
                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                       STREET:
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TITLE OF INVENTION: NOVEL POLYPEPTIDE HAVING FACTOR XA INHIBITORY ACTIVITY
FILE REFERENCE: 43020aya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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Best Local Similarity 100.0%; Pred. No. 0.26;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Description of Artificial Sequence: of clone pSP65-xaI-4.
                                                       OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     0317/43020-A/JPW/EAB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 2;
0.26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.1%; Score 24; DB Best Local Similarity 100.0%; Pred. No. 0.2 Matches 24; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/228,152
CURRENT FILING DATE: 1999-01-11
NUMBER OF SEQ ID NOS: 25
SEQ ID NO 23
LENGTH: 469
                                                                                                                       US/08/469,219
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                                                                                                                                                                                                     08/225,442
                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/225,442
FILING DATE: 08-APR-1994
ATTORNEY-AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFRENCE/DOCKET NUMBER: 0317,
TELECHONE: 212-977-9550
TELEFAX: 212-664-0525
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: NO FRAGMENT TYPE: N-terminal US-08-469-219-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Zeelon, Elisha P. APPLICANT: Werber, Moshe M.
                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 469 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION:
COTHER INFORMATION:
US-09-228-152-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
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APPLICANT: Farb, David H
APPLICANT: TRUSSEK, Shelley J
minits OF INVENTION: GENE THERAPY VECTOR WITH TISSUE
                                                       APPLICANT: MOFFATT, BARBARA
TITLE OF INVENTION: GENE FOR APRT FROM PLANT TISSUE
NUMBER OF SOUGHNES: 29
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                               CURRENT APPLICATION UNDER: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: PAPLICATION NUMBER: US/08/447,010 FILING DATE: 22-MAY-1995 CLASSIFICATION: 536 ADDITEMENTARY
                                                                                                                                    E: Sim & McBurney
330 University Avenue, Suite 701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/230,695
FILING DATE: 21-APR-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US 07/888,132
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Patent No. 6066726
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100.0%; Pre
Sequence 1, Application US/08447010
; Patent No. 5770718
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: STEWART, MICHAEL I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1811
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: both
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
TELEX: 065-24567 SIMBAS
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
FILING DATE: 26-MAY-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   join(18..569)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 729 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                          TRY: Canada
M5G 1R7
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Carlo Salara Baran

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Gaps
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100.0%; Pred. No. 0.22;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INPORMATION:
APPLICANT: Reiner Laus
APPLICANT: Michael H. Shapero
TITLE OF INVENTION: Artigen Compositions
FILE REFERENCE: 7636-0015.30
CURRENT APPLICATION NUMBER: US/09/112,096
CURRENT FILING DATE: 1997-08-20
KOMPHER APPLICATION NUMBER: 60/056,110
EARLIER APPLICATION NUMBER: 60/056,110
SOFTWARE: FASTERO FOR Windows Version 3.0
SOFTWARE: FASTERO FOR Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Polynucleotide and
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100.0%; Pred. No. 0.24;
iive 0; Mismatches
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TITLE OF INVENTION: Antigen Compositions
FILE REFREENCE: 7636-0015.30
CURRENT APPLICATION NUMBER: US/09/112,096
EARLIER APPLICATION NUMBER: 60/056,110
EARLIER FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 29
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Patent No. 6194152
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APPLICANT: Refiner Laus
APPLICANT: Michael H. Shapero
APPLICANT: Larisa Tsavaler
TELEPHONE: 608-251-5000
TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 1628 base pairs
                                                                                                                                                                                                                                                                                                                                     Query Match 1.1's
Best Local Similarity 100.
Matches 24; Conservative
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                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-112-096-28
                                                                                                                                                                              MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                 3..1316
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Best Local Similarity
Matches 24; Conserva
                                                                                                                                                                                                                          ; NAME/KEY:
; LOCATION:
US-08-883-515-3
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US-09-112-096-28
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US-09-112-096-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-883-515-3
Sequence 3, Application US/08883515
Fatent No. 5981836
GENERAL INFORMATION:
APPLICANT: OSTETYOUNG, Katherine W
TITLE OF INVENTION: PLANT CHLOROPLAST DIVISION GENES
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quaries & Brady
STREET: I South Pinckney Street
CITY: Madison
                                                                                                                                                                                                              SUFTWARE: PATENTIN PC-DOS/MS-DOS
SUFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/889,502
FILING DATE: 08-JUL-1997
ATTONEY/AGENT TATE
NAME OF THE OFFICE OFFICE OFFICE OFFI
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COUNTRY: US

ZIP: 53701-2113

COMPUTER FALOPY disk

COMPUTER: IBM PC COMPATIBLE

COMPUTER: IBM PC-OOS/MS-DOS

SOFTWARE: PATCHIN PC-OOS/MS-DOS

SOFTWARE: PATCHIN PATCATION DATA:

APPLICATION NUMBER: US/08/883,515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 920905.90016
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NAME: Farrell, Kevin M
REGISTATION UNDBER: 35.505
REFERENCE/DOCKET UNDBER: 0146-
TELECOMMUNICATION INFORMATION:
TELEFONE: (207) 363-0538
TELEFAX: (207) 363-0528
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
TITLE OF INVENTION: SPECIFICITY
                                                                                                                                                                         ZIP: 03911
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 92f
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; MOLECULE TYPE: DNA (genomic) US-08-889-502-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 868 base pairs
TYPE: nucleic acid
                    NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kevin M. Fa
STREET: P.O. BOX 999
CITY: York Harbor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                      USA
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                                                                                                               CITY: YOr!
STATE: ME
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linear
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US-08-661-168-6
                                                                     RESULT 15
US-08-661-168-6
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                                                                                                                                                                                                                                                                  sequence 13, Application US/07987272A

Patent No. 5731166

GENERAL INFORMATION:

APPLICANT: Geczy, C., Simpson, R. J. and Lackmann, M
 TITLE OF INVENTION: No. 5731166el Chemotactic Factor

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cushman Darby & Cushman
STRRET: 1100 New York Avenue, N. W., Ninth Floor, East Tower

CITY: Washington

STATE: D. C.

COUNTRY: USA

ZIP: 20005-3918

COMPUTER READARD.
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Pred. No. 0.7;
                                                                                                                                                                          0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/987,272A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DWB/1925/200259
                                                                                                                                       1.1%; Score 24; DB 100.0%; Pred. No. 0.2 tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Pred. No. 0.7
tive 0; Mismatches
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           UMBER: US/07/987,272A
05-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 05-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PK 2127
FILING DATE: 05-FEB-1990
PRIOR APPLICATION DATA:
APPLICATION UNMBER: AU PK 4463
                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                             2182 tgtcaaaaaaaaaaaaaaaaa 2205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: AU PK 4463
FILING DATE: 05-SEP-1991
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Brinkman, David W REGISTRATION NUMBER: 20,817 REFERENCE/DOCKET NUMBER: DWI TELECOMMUNICATION: 202-861 3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 202-822 0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 13: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: CDNA to mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 433 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                       Ouery Match 1.19
Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0
Matches 23; Conservative
                                             TYPE: DNA
COGANISM: Homo sapiens
US-09-112-096-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 14
US-07-987-272A-13
              SEQ ID NO 14
LENGTH: 5668
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DNA MARKERS TO DETECT CANCER CELLS
EXPRESSING A MUTATOR PHENOTYPE AND METHOD OF DIAGNOSIS OF
CANCER CELLS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CORPETING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/08/661,168
                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: SWABEY OGILVY RENAULT
STREET: 1981 McGill College Avenue, Suite 1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COTE, France:
REGISTRATION NUMBER: 37,037
REFERENCE/DOCKET NUMBER: 12667-7US FC/1d
TELEPHONE: (514) 845-7126
TELEFAX: (514) 288-8389
INFORMATION FOR SEQ ID NO: 6:
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0.68;
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Pred. No.
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Job time: 4617 sec
                                                                                                                   Sequence 6, Application US/08661168;
Patent No. 5773649;
GENERAL INFORMATION:
APPLICANT: SINNETT, Daniel
APPLICANT: LABUDA, Damian
APPLICANT: REALINOVIC, Maja
APPLICANT: RICHER, Chantal
TITLE OF INVENTION: EXPRESSING A MITTLE OF INVENTION: EXPRESSING A MUMBER OF SEQUENCES: 7
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100.0%; Pre
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386 GTCAAAAAAAAAAAAAAAAAA 408
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 567 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: Canada
ZIP: H3A 2Y3
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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Best Local Similarity
Matches 23; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Emery, John
APPLICANT: Tan, KB
APPLICANT: Trunch, Alem
APPLICANT: Trunch, Alem
APPLICANT: Trunch, Alem
APPLICANT: Young, Peter
TITLE OF INVENTION: Tumor Necrosis Related Receptor,
TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 124; DB 2;
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SOFTWARE: FastSBQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,796
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                     US-08-465-380-63
US-08-486-399-63
US-08-486-399-63
US-08-634-641-63
US-09-249-471-63
US-09-249-451-63
US-09-249-461-63
US-09-249-461-63
US-09-249-461-63
US-09-249-461-63
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PCT-US93-11153-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                 US-08-812-871-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ALIGNMENTS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/08794796 Patent No. 5885800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STAIL:
COUNTY: USA
ZIP: 19406
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             34,344
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ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 300 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                          amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-794-796-2
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                                                                                                                                                                                                             (without alignments)
3.677 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Appendix Sequence 2, Posquence 7, Appendix Sequence 7, Appendix Sequence 1, Appendix No. 522. Sequence 8, Appendix No. 522. Sequence 8, Appendix No. 522.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Description
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                                                                                                                                                                              May 23, 2001, 15:56:36; Search time 109.73 Seconds
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/cgn2_6/ptodata/2/laa/5B_COMB.pep:*
/cgn2_6/ptodata/2/laa/6A_COMB.pep:*
/cgn2_6/ptodata/2/laa/6B_COMB.pep:*
/cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/laa/PCTUS_COMB.pep:*
                                                 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-794-796-2

US-08-152-019A-26

US-08-650-597-4

US-08-650-594-1

US-08-655-259-22

US-08-612-986-7

US-08-612-986-7

US-08-361-806A-7

US-08-392-16806A-7

US-08-477-451-11

523-34.3-3

US-08-482-67-8

US-08-482-67-8

US-08-482-67-8

US-08-482-67-8

US-08-482-67-8

US-08-482-67-8

US-08-482-67-8

US-08-482-67-8

US-08-482-63-8

US-08-974-022-4

US-08-974-022-4

US-08-974-022-4

US-08-974-025-53

US-08-465-53

US-08-465-53

US-08-461-53

US-08-461-53

US-08-461-53

US-08-461-53
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                      GenCore version 4.5
Copyright (c) 1993 - 2000 Com
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         185757 segs, 19210857 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                                                                                                                                                                                                                       US-09-518-931-4_COPY_86_106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                   124
1 ERCRYCNVLCGEREEEARACH 21
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Gapop 10.0 , Gapext 0.5
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Match Length
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122
355
1781
3025
603
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401
401
604
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46.5
46.5
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Length 605;
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                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 07-JUN 1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 3;
                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
STREET: 268 BUSH STREET, SUITE 3200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SCIENCE & TECHNOLOGY LAW GROUP
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                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: UC93-300-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 343-4341
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 46.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              268 BUSH STREET, SUITE 3200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Tessier-Lavigne, Marc
APPLICANT: Serafini, Tito
APPLICANT: Kennedy, Timothy
APPLICANT: Placzek, Marysia
APPLICANT: Dessel, Thomas
APPLICANT: Dodd, Jane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application US/08650599A
Patent No. 6096866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
APPLICANT: Jessel, Thomas
APPLICANT: Dodd, Jane
TITLE OF INVENTION: Netrins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Netrins
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; MOLECULE TYPE: peptide US-08-482-677-4
                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: SAN FRANCISCO
STATE: CALIFORNIA
                                                                                                                                             CITY: SAN FRANCISCO
                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                CALIFORNIA: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                      ZIP: 94104
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
US-08-650-599A-1
                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           g
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Pred. No. 48;
                                                                                                                                                                                                                                                                              APPLICANT: Serafini, Tito
APPLICANT: Serafini, Tito
APPLICANT: Renedy, Timothy
APPLICANT: Placzek, Marysia
APPLICANT: Jessell, Thomas
APPLICANT: Jodd, Jane
TITLE OF INVENTION: NEURAL AXON OUTGROWTH MODULATORS
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
STRATE: California
                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,019A
FILING DATE: 12-NOV-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: OSMAIN, Richard Aron
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: 36,627
TELECOMMUNICATION INFORMATION:
  red. No. 8.9e-10;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4; Mismatches
  Pred. No.
                                                                                                                                                                                                    Sequence 26, Application US/08152019A Patent No. 5565331 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PC-DOS/MS-DOS
                                                                                                                                                                                                                                                   : Tessier-Lavigne, Marc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tessier-Lavigne, Marc
Serafini, Tito
Kennedy, Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/08482677
Patent No. 6017714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-
SOFTWARE: PatentIn Release #
Best Local Similarity 100.0%; F
Matches 21; Conservative 0;
                                                                                  86 ERCRYCNVLCGEREEEARACH 106
                                                             1 ERCRYCNVLCGEREEEARACH 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299 FHT UR
INFORMATION FOR SEQ ID NO: 26.
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Placzek, Marysia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 37.5%;
Best Local Similarity 50.0%;
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 605 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 RYCNVLCGEREEEARACH 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94111-4187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Tessie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                 US-08-152-019A-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-152-019A-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-482-677-4
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 46.5; DB 3; Length 606; Pred. No. 48; 4; Mismatches 4; Indels
                                                Length 606;
                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OFFWATING SYSTEM:
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: US/08/762,500
CLASSIFICATION: 435
PRIOR APPLICATION THE:
APPLICATION NUMBER:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
PRIOR APPLICATION NUMBER:
FILING DATE: 17-JUN-1996
FILING DATE: 17-JUN-1996
ATPLICATION NUMBER:
FILING DATE: 17-JUN-1996
ATPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
ATTORNEY/AGENT INFORMATION:
                                                DB .3;
                                                                                       Mismatches
                                                Score 46.5;
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Klinger,
APPLICANT: Klinger,
TITLE OF INVENTION: COMPOSITIONS, METTILE OF INVENTION: COMPOSITIONS, MENUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
...nerSSEE: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  United States of America
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Landes, Gregory M. APPLICANT: Burn, Timothy C. APPLICANT: Connors, Timothy D. APPLICANT: Dackowski, William R. APPLICANT: Van Rasy, Terence J. APPLICANT: Klinger, Katherine W. TITLE OF INVENTION: NOVEL HUMAN C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                 Sequence 22, Application US/08762500 Patent No. 6030806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Dugan, Deborah A. REGISTRATION NUMBER: 37,315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (508) 872-5415.
INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
LENGTH: 606 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: One Mountain Road CITY: Framingham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
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78 RYC-VVTEKGEEQVRSCH 94
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78 RYC-VVTEKGEEQVRSCH 94
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Best Local Similarity 50.0
Matches 9; Conservative
                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-762-500-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Framingham
STATE: Massachusetts
COUNTRY: United State
                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Landes,
                                                                  Best Local Similarity
Matches 9; Conserv
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                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy C.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Wan Rasy, Terence J.
APPLICANT: Kinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
NUMBER OF SEQUENCES: 73
                                                                                                                                                                                                                                                                                                                                                                                                                 DB 3; Length 605;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTY: Magainer States of America
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUW TYPE: FLOPPY disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/665,259
FILING DATE: 17-JUN-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                        ed. No. 48;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Massachusetts
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 22, Application US/08665259 Patent No. 6028173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: 165-9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 872-8400
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 606 amino acids
             CLASSIFICATION: 435
ATORREY/ACENT INFORMATION:
NAME: OSMAN, RICHARD A
RECISTRATION NUMBER: 36.627
REFERENCE/DOCKET NUMBER: UC93:
TELECOMMUICATION INFORMATION:
TELEFHONE: (415) 343-4341
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          not relevant
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ADDRESSEE: GENZYME CORPORY
STREET: One Mountain Road
CITY: Framingham
                                                                                                                                                                                                                                                                                                                                                                                                                 37.5%;
50.0%;
07-JUN-1995
                                                                                                                                                                                                                                          : 605 amino acids
amino acid
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77 RYC-VVTEKGEEQVRSCH 93
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 50.0°
Matches 9; Conservative
                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-650-599A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: protein US-08-665-259-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-665-259-22
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/361,806A
FILING DATE: 22 DEC 1994
CLASSIFICATION: 530
ATTORNES/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 45;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  UMBER: PCT/US95/16806A
December 22, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/361,806
FILING DATE: 22-DEC-1994
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                           REFERENCE/DOCKET NUMBER: NEP-004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, Application PC/TUS9516806A GENERAL INFORMATION:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 10
US-08-292-549-6
; Sequence 6, Application US/08292549
; Patent No. 5464938
                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 122 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 122 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT
FILING DATE: December 2
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Best Local Similarity 63.0
نحم 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 36.3
Best Local Similarity 63.6
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-361-806A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: protein PCT-US95-16806A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11 GEREEEARACH 21
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81 GEREKEKKVCH 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ||||:| : ||
81 GEREKEKKVCH 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 9 PCT-US95-16806A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 45; DB 1; Length 122;
Pred. No. 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/08361806A
Patent No. 5792833
GENERAL INFORMATION:
APPLICANT: Elliot J. Androphy
APPLICANT: Dave E. Breiding
TITLE OF INVENTION: E2 BINDING PROTEINS
NUMBER OF SOUGNCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lahive & Cockfield
STREET: 60 State Street, suite 510
CITY: Boston
STREET: Massachusetts
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2; Mismatches
                                                       GENERAL INFORMATION:
APPLICANT: Ellict J. Androphy
APPLICANT: Dave E. Breiding
TITLE OF INVENTION: E2 BINDING PROTEINS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lahive & Cockfield
STREET: 60 State Street, suite 510
                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 800
PRIOR APPLICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/361,806
FILING DATE: 22 DEC 1994
CLASSIFICATION: 800
ATORNEY/AGENT INFORMATION:
NAME: Myers, Paul L.
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: NEP-004D
TELECHONE: (617) 227-7400
TELEPAX: (617) 227-7400
TELEPAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                 Sequence 7, Application US/08612986
Patent No. 5770384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   36.3%;
63.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         : 122 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 63.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                              Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11 GEREEEARACH 21
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81 GEREKEKKVCH 91
                                                                                                                                                                                                         STATE: Me
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-361-806A-7
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GALLO, ROBERT
TITLE OF INVENTION: CHARACTERIZATION OF REPLICATION COMPETENT;
HUMAN IMMUNOBELICIENCY TYPE 2 PROVIRAL CLONE HIV-2 SBL/ISY
NUMBER OF SEQUENCES: 4
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/331,212
FILING DATE: 03-31-1989
                                                                                                                                                                                                                                                                                                                              Length 1781;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 3025;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 44; DB 6; Length 302
Pred. No. 4.8e+02;
4; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5223423-3
;Patent No. 5223423
; APPLICANT: FRANCHINI, GENOVEFFA;WONG-STAAL, FLOSSIE;
                                                                                                                                                                                                                                                                                                                            Score 44; DB 2; L
Pred. No. 2.9e+02;.
1; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP STREET: 268 BUSH STREET, SUITE 3200 CITY: SAN FRANCISCO STATE: CALIFORNIA
                                             0335.002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-482-677-8
Sequence 8, Application US/08482677
Setent No. 6017714
GENERAL INFORMATION:
APPLICANT: Tessier-Lavigne, Marc.
APPLICANT: Kennedy, Timothy
APPLICANT: Placzek, Marysia
APPLICANT: Jessel, Thomas
APPLICANT: Dodd, Jane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRI.

COMPUTER FALOABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
METHER: IBM PC COMPALIBLE
                        REGISTRATION NUMBER: 33,113
REFERNCE/DOCKET NUMBER: 0335
TELECOMMUNICATION INFORMATION:
TELEPHONE: 510-601-2708
TELEPHONE: 510-655-354.2
INFORMATION FOR SEQ. ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Netfins NUMBER OF SEQUENCES: 14 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                              35.5%;
75.0%;
        McClung, Barbara G.
                                                                                                                                                                    1781 amino acids
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205 NILCGQRMNWTDSDQRAC 222
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Best Local Similarity 44.4*
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-477-451-11
                                                                                                                                                                                     amino acid
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                    641 CRYCRLLC 648
                                                                                                                                                                                                                                                                                                                                                                                                           3 CRYCNVLC 10
                                                                                                                                                                                     TYPE: amino & STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 3025
                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ;
0
APPLICANT: Smith, Craig A.
APPLICANT: Goodwin, Raymond G.
TITLE OF INVENTION: Isolated Viral Protein TNF Antagonists
WIMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation
STREET: 51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 44; DB 1; Length 355;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Application US/08477451
Patent No. 5928865
GENERAL INFORMATION:
APPLICANT: COVACCI, Antonello
TITLE OF INVENTION: Helicobacter Pylori Cagi Region
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 94608-2916
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURREMY APPLICATION DAFA:
APPLICATION NUMBER: US/O8/292,549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                              CLASSIFCATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/963,330
FILING DATE: 10/19/92
ATTORNEY/AGENT INFORMATION:
NAME: Pertrian, Pertricla A.
REGISTRATION NUMBER: 34,693
REFERENCE/DOCKET NUMBER: 2602-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 233-0644
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,451 ETLING DATE: 07-JUN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 36.8%;
Matches 7; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | | | | : | |:|:
83 CLSCNGRCDSNQVETRSCN 101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: protein US-08-292-549-6
                                                                                                                                                              STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                           CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                       98101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
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Sequence 62, Application US/08399411
Sequence 62, Application US/08399411
Patent No. 5831008
GENERAL INFORMATION:
APPLICANT: Huang, Shi
TITLE OF INVENTION: Retinoblastoma Protein - Interacting
TITLE OF INVENTION: Zinc Finger Proteins
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell and Flores
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             34.7%; Score 43; DB 2; Length 84; 26.5%; Pred. No. 22;
                                        Length 84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/399,411
FILING DATE: 06-MAR-1995
CLASSIFICATION: 530
ATTONEY/AGENT THE STATE OF THE STATE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: Campbell and Flores
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                          ----VLCGEREEEARACH 21
                                                                                                                                                                                                                   28 KCQTCNKGFTQLAHLQKHYLVHTGEKPHECQVCH 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           28 KCQTCNKGFTQLAHLQKHYLVHTGEKPHECQVCH 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 RCRYCN------VLCGEREEEARACH 21
                                            Score 43; DE
Pred. No. 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1264
TELECOMMUNICATION INFORMATION:
TELERAX: (619) 535-9001
TELERAX: (619) 535-949
INFORMATION FOR SEQ ID NO: 62:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Search completed: May 23, 2001, 15:56:37
Job time: 170 sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                            34.7%;
ilarity 26.5%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 84 amino acids
amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 4370 La Jo
CITY: San Diego
STATE: California
                                                                       Best_Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 9, Conserv
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                                                                                                                                                                          2 RCRYCN----
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                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 603;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Retinoblastoma Protein - Interacting
Zinc Finger Proteins
SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUBER: US/08/482,677 FILING DATE: 07-JUN-1995 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Campbell and Flores
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 43.5; DB 3;
Pred. No. 1.2e+02;
2; Mismatches 6;
                                                                                                                                                         ATTORNEY AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REGISTRATION UNDBER: 36.627
REFERENCE/DOCKET NUMBER: UC93-300-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 343-4341
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ 1264
FELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/399,411
FILING DATE: 06-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/459,568 FILING DATE: 02-JUN-1995 CLASSIFICATION: 514
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Sequence 62, Application US/08459568

Patent No. 5811304

GENERAL INFORMATION:

APPLICANT: Huang, Shi

TITLE OF INVENTION:

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 93

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 35.1%;
Best Local Similarity 50.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     603 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ||| |: || |:|| 75 RYC-VVSERGEERVRSCH 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 84 amino acids
amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: sinc
TOPOLOGY: linear
MOLECULE TYPE: pepti
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 4370 La Jo
CITY: San Diego
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: US
ZIP: 92122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-482-677-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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Sequence Sequence Sequence Sequence

Sequence Sequence

Sequence Sequence Sequence

51, Appl 4, Appl 2, Appl 2, Appl 2, Appl 7, Appl 7, Appl 11, Appl

Sequence Sequence Sequence Sequence

Sequence Sequence Sequence

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Total number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OM protein -
                                                                                                                                                                                                                                                                                                                                                                                                                              pred. No. is the score greater tand is derived
                                                                                                                                                                                                                                                                                                                                                                Score
                                                                                                                                                                                                                                                                                                                                                                                                                                is derived
                                         48.5
48.5
48.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        length:
length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Issued_Patents_AA:*

1: /cgn2_6/ptodata/2,

2: /cgn2_6/ptodata/2,

3: /cgn2_6/ptodata/2,

4: /cgn2_6/ptodata/2,

5: /cgn2_6/ptodata/2,

6: /cgn2_6/ptodata/2,
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Match Length
                                                                                                                                                                                                                                                                                                                100.0
37.8
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148
1 FYQRPCRRDSPTTCGPCPPRHYTO
    May 23, 2001, 15:56:35; Search time 109.73 Seconds (without alignments) 4.202 Million cell updates/sec
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/ACTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
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US-08-794-796-2
US-08-974-722-6
US-09-042-785A-12
US-08-650-000-4
US-09-042-785A-8
US-09-042-785A-8
US-08-650-000-4
US-08-650-000-4
US-08-117-083-62
US-08-117-083-62
US-08-102-367A-30
US-08-702-367A-30
US-08-702-367A-13
US-08-49-722B-2
PCT-US95-04681-13
US-08-479-722B-2
PCT-US95-02551-18
US-08-147-784-2
US-09-369-617-2
US-09-369-618-2
US-09-369-618-2
US-09-369-618-2
US-08-467-574-6
US-08-467-574-6
US-08-117-083-19
US-08-117-083-19
US-08-117-083-19
US-08-08-08-458B-6
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                        Sequence 2, Appli
Sequence 4, Appli
Sequence 6, Appli
Sequence 30, Appl
Sequence 30, Appl
Sequence 13, Appl
Sequence 13, Appl
Sequence 13, Appli
Sequence 13, Appli
Sequence 2, Appli
Sequence 6, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
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Sequence 6, Appli
Sequence 12, Appl
Sequence 16, Appl
                                                                                                                                                                                                                                                                                                                                                                  Description
 Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Emery, John
APPLICANT: Tan, KB
APPLICANT: Tunch, Alem
APPLICANT: Young, Peter
ITILE OF INVENTION: Tumor Necrosis Rel
TITLE OF INVENTION: TR4
NUMBER OF: SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 1
US-08-794-796-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2
Patent No.
                                                                                                                                                                                                                                                      COMPUTER REALABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSED for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,796
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
  Query Match
                                        TOPOLOGY: 1
MOLECULE TYPE:
-08-794-796-2
                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                  REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: GHT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        "ADDRESSEE: SmithKline STREET: 709 Swedeland CITY: King of Prussia
                                                                           LENGTH: 300 ar
TYPE: amino ac
STRANDEDNESS:
                                                                                                                                                                                                         NAME: Han, William T
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: UZIP: 19406
                                                                                                                                                      TELEFAX: 610-270-4026
                                                                                                                                                                                                                                                                                                                                                                                                                                STATE:
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US-08-974-022-4
US-09-08-2785A-13
US-08-442-248-2
US-08-449-537A-103
US-08-097-827-7
US-08-097-827-7
US-08-097-827-7
US-08-097-827-11
US-08-097-827-11
US-08-494-574-11
US-08-494-574-11
US-08-494-574-11
US-08-494-574-11
US-08-494-574-11
US-08-327-832-5
US-08-88-8-8584-5
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US-08-199-780-3
    Score 148;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Corporation
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  Length 300;
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Result No.

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Query Match
Best Local Similarity
Thehes 8; Conserve
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; MOLECULE TYPE:
US-08-974-022-6
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                                                                                                                                                       Sequence 12, Application US/09042785A Patent No. 6194151
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                             NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 5
                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                   49
                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1840 Dehavil
CITY: Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               57
    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/974,022 FILING DATE: 12-DEC-1995
                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                               1 FVQRPCRRDSPTTCGPCPPRHYT 23
                                                                                                                                                                                                                                                   YLKQHCTAKWKTVCAPCPDHYYT 71
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Boston
Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/08974022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      California
                              28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Amgen Inc.
1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                401 amino acids
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                                                                                                                           Busfield, Samantha J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Boyle,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lacey, David L. Calzone, Frank J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                               LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                    protein
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                                                                                           AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                           37.8%;
                                                                                                         NOVEL MOLECULES OF THE THF RECEPTOR SUPERFAMILY
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                                                                                                                                                                                                                                                                                                            Mismatches
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hes 0;
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US-08-239-256-16
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Best Local
                                                                            APPLICATION NUMBER: US/08/
FILING DATE: 06-WAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,22
REFERENCE/DOCKET NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/0 FILING DATE: 17-MAR-1998 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTWARE: PATENTIN Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                 SOFTWARE: PatentIn Rel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                               REFERENCE/DOCKET NUMBER: 29
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                   STREET: 2000 Pennsylva CITY: Washington, D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          49 YLKQHCTAKWKTVCAPCPDHYYT 71
TELEFAX:
                                                                   REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 20006-1812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
les 8; Conserv
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               TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 FVQRPCRRDSPTTCGPCPPRHYT 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08239256
                                                                                                                                                                                                                                                                                                                      2000 Pennsylvania Ave.
                                                                                                                                                                                                                                                                                                                                                                                                         KEENE,
                                                                                                                                                                                                                                                                                                                                                                                                                                        BOIME, IRVING
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KEENE, JEFFREY L.
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(202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                    PatentIn Release #1.0, Version #1.25
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                 (202) 887-1500
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internal
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Pred. No.
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SEQUENCE CHARACTERISTICS:

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                                                               RESULT 6
US-08-650-000-4
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                                                                                                                                                                                                                              ; TOPOLOGY: linear; MOLECULE TYPE: protein PCT-US96-12374-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT-US96-12374-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Rest Local Similarity >...
9; Conservative
                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Applications GENERAL INFORMATION:
APPLICANT: Northw
                                      Sequence 4, Application US/08650000 Patent No. 5945397
                                                                                                                                                                 Matches
              GENERAL INFORMATION:
APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ACTERISTICS:

ATPE: amino acid

STRANDEDNESS: si-
TOPOLOGY:

139-256-
                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 283 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Dressler,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                   TELEPHONE: (312) 616-5460
                                                                                                                  63
                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Chicago
STATE: Illinois
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                                                                                                                                        2 VQRPCRRDSPTTCGPCPPRHY 22
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                                                                                                                 VKEACGELTGTVCEPCPPGTY 83
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                                                                                                                                                                                                                                                                 amino acid
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Northwestern University
Northwestern University Mediator
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180 N. Stetson, Suite 4700
                                                                                                                                                                                                                                                                                283 amino acids
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Smith, Craig A.
Goodwin, Raymond G.
                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      35.8%;
52.9%;
                                                                                                                                                                             34.5%;
                                                                                                                                                                              Score 51; DE
Pred. No. 44;
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                                                                                                                                                                                        Length 283;
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; TOPOLOGY: 1:
; MOLECULE TYPE:
US-08-650-000-4
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                                                                                                                        Sequence 8, Application US/09042785A Patent No. 6194151
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ
                                                                         APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 10-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 587-0430
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APPLICATION NUMBER: 1
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
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TITLE OF INVENTION: Tumor Necrosis Factor Receptors
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release "' "
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             STREET:
                                                                                                                                                                                                                                     63 YVKHECNKTSDTVCADCEASMYTQ
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                              ADDRESSEE:
                                                                                                                                                                                                                                                                   1 FVQRPCRRDSPTTCGPCPPRHYTQ 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 403,241
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                                                             OF SEQUENCES:
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Boston
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             E: LAHIVE & COCKFIELD, LLP
28 State Street
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Pred. No.
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69;
                                                                                            THE TNF RECEPTOR SUPERFAMILY
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COUNTRY:

Massachusetts

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RESULT
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Best Local S
Matches 9
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Best Local :
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/O
FILING DATE: 10-MAY-1990
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: MANDETAGOUTAS, AMY E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: FRAGMENT TYPE:
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                                                                                                      63 YVKHFCNKTSDTVCADCEASMYTQ 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 403,241 FILING DATE: 05-SEP-1989
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FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
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TOPOLOGY: linear
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FILING DATE: 17-MAR-1998
                                                                                                                                                                         1 FVQRPCRRDSPTTCGPCPPRHYTQ 24
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   9
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9; Conserv
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OR SEQ ID NO: 8:
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No. 69;
3; Mismatches
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Pred. No.
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69;
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US-08-449-645A-30
Sequence 30, Application US/08449645A
Patent No. 5981245
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                  RESULT
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Best Local S
Matches 9
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Patent No. 5719054
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                                                                                    APPLICANT: Fox, Gary M.
TITLE OF INVENTION: EPH-Like Receptor Protein Tyrosine
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: A-TELECOMMUNICATION INFORMATION: TELEPHONE: 415-781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Walter H.
REGISTRATION NUMBER: 24,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOETWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                        CORRESPONDENCE ADDRESS:
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APPLICANT: Munro, Alan J.
TITLE OF INVENTION: Recombinant Virus Vector:
TITLE OF INVENTION: Papilloma Virus Proteins
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                                                                                                                                                                                                                                                                                                       193 FAKVRCNGNDNTKCERCPPHTYT 215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 415-, CT
TELEPHONE: 415-398-3249
TELEFAX: 415-398-3249
TELEFAX: 910 277299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Walter H. Dreger
STREET: 4 Embarcadero Center, Suite 3400
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: 1..416
OTHER INFORMATION:
OTHER INFORMATION:
                                   STREET:
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FILING DATE: 10-SEP-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: Protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: si
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                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                           1 FVQRPCRRDSPTTCGPCPPRHYT 23
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ITY: Thousand Oaks
TATE: California
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                                   E: Amgen Patent Operations/RBW 1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  416 amino acids
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the open reading frame."
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                                                                                ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-702-367A-30
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                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER: /
INFORMATION FOR SEQ ID NO: 30
SEQUENCE CHARACTERISTICS:
LENGTH: 967 amino acids
TYPE: amino acid
   Query Match
Best Local Similarity
Matches 11; Conserv
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Patent No. 5981246
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: EPH-Lik-
TITLE OF INVENTION: Kinases
NUMBER OF SEQUENCES: 43
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      Conservative
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45.8%;
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   Score 50; DB:
Pred. No. 1.7e-
2; Mismatches
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DB 2; Le..
. 1.7e+02;
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; MOLECULE TYPE:
US-08-449-645A-13
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US-08-702-367A-13
                                                                                                                                                                                                                                                                                                          Patent No.
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REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                         GENERAL INFORMATION: APPLICANT: Fox, G
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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STATE: California
                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                               NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                 APPLICANT: FOX, Gary M.
TITLE OF INVENTION: EPH-Like
TITLE OF INVENTION: Kinases
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LENGTH: 991 amino acids
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TITLE OF INVENTION: EPH-Like
TITLE OF INVENTION: Kinases
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                                                                                                                                                                                                                                                                                                                                                                                                                    281 CRPGFFKASPHIQSCGKCPPHSYT 304
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                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                          ADDRESSEE: Amgen Patent Operations/RBW
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
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                                                                                          COUNTRY: UZIP: 91320
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PatentIn Release #1.0, Version #1.30
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45.8%;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/702,367A

FILING DATE:

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RESULT 15
US-08-479-722B-2
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; MOLECULE TYPE:
PCT-US95-04681-13
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PCT-US95-04681-13
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Sequence 2,
                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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LENGTH: 991 amino acids
TYPE: amino acid
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TITLE OF INVENTION: EPH-Like
TITLE OF INVENTION: Kinases
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                                                                         281 CRPGFFKASPHIQSCGKCPPHSYT 304
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                                                                                                                                    Local Similarity hes 11; Conserv
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OPERATING SYSTEM:
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STATE: California
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Application US/08479722B
                                                                                                                                                                                                                                                                       991 amino acids
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                                                                                                                                    Conservative
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No.
                                                                                                                                                  Score 50; DB 5;
Pred. No. 1.7e+02;
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Search completed: May 23, Job time: 169 sec

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Best Local Similarity
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                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                          TOPOLOGY: 1i
                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/316,650
FILING DATE: 30-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/199,780
FILING DATE: 18-FEB-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Rel
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STREET: , כ
CITY: Houston
יייאד: Texas
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APPLICANT: Yin, Wushan
TITLE OF INVENTION: LATENT TGF( BINDING PROTEIN (LTBP)
TITLE OF INVENTION: GENES, COMPOSITIONS AND METHODS
                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION: NAME: Fussey, Shelley P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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591 TSCAPCPPR 599
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                              12 TTCGPCPPR 20
                                                                                                                                                                                                                                                                                                    NAME: Fussey, Shelley P.M. REGISTRATION NUMBER: 39,458
REFERENCE/DOCKET NUMBER: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/479,722B FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US PCT/US95/02251 FILING DATE: 21-FEB-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.ZIP: 77040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
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                                                                                                                                                                                                        LENGTH:
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7676 Hillmont, Suite 250
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                                                              Conservative
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SYSTEM: PC-DOS/MS-DOS
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713) 934-7011
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2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*

4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*

5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/2/1aa/backfiles1.nen:*
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Match
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US-08-385-229-4
US-08-974-025A-4
US-09-042-785A-2
US-09-042-785A-23
US-08-959-382-2
US-08-219-237B-5
US-08-232-087A-9
US-08-292-549-4
PCT-US91-02207-4
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US-08-974-022-6

US-09-042-785A-12

US-08-974-022-4

US-09-042-785A-13

US-09-042-785A-13

US-08-650-000-4

US-09-042-785A-8

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US-08-505-606-1

US-08-974-022-48

US-08-385-229-2

US-08-650-000-2

US-09-042-785A-7

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US-08-974-022-6
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SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tent No.
                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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     121 HRSC 124
                                       129 HASC 132
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                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 1540 ... CITY: Thousand Oaks
                                                                            61
                                                                                                       69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLE 128
                                                                                                                                                                 11 LLCLVLALLPALLPVPAVRGVAET--PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPT 68
                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Winter, NOTE REFERENCE/DOCKET NUMBER: /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
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                                                                       VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK 120
                                                                                                                                              LLCCAL---VFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT 60
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Chang, Ming-Shi
                                                                                                                                                                                                                       Conservative
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Pred. No. 2.2e-17;
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thes 0;
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Patent No. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-042-785A-12
                                                                                                        Sequence 4, Application US/08974022 Patent No. 6015938
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Best Local Similarity 37.9
47; Conservative
                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                         129 HASC 132
                                                                                                                                                                                                                                                                                            61 VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK 120
                                                                                                                                                                                                                                                                                                                                                                                                    11 LLCLVLALPALLPVPAVRGVAET -- PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Mandragouras, Amy E REGISTRATION NUMBER: 36,20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                              69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLE 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                  4 LLCCAL---VFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       02109
T: Boyle, Willaim J.
T: Lacey, David L.
T: Calzone, Frank J.
T: Chang, Ming-Shi
INVENTION: OSTEOPROTEGERIN
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ZENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
ENTION: AND USES THEREFOR
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Gaps 89

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NUMBER OF SEQUENCES: 5

ADDRESSEE:

E: Amgen Inc. 1840 Dehavilland Drive

CITY: Thousand Oaks STATE: California

COUNTRY:

USA

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RESULT 5
US-09-042-785A-13
; Sequence 13, Application US/09042785A
; Patent No. 6194151
; Patent No. 6194151
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOSTWARE: PAtentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
APPLICATION NUMBER: US/09/042,785, FILING DATE: 17-MAR-1998 PRIOR APPLICATION NUMBER: US 08/938,896 FILING DATE: 26-SEP-1997
                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                     MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       94 LCGEREEEARACHATHNRACRCRTGFFAHAGFCLEHASC 132
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                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              26 PKYLHYDPETGHQLLCDKCAPGTYLKQHCTVRRKTLCVPCPDHSYTDSWHTSDECVYCSP 85
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/577,788
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                                                                                                                  Version #1.25
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Query Match Best Local Similarity

32.0%;

Score 243; Pred. No. 9

DB 3; .9e-16;

Length 401;

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US-09-042-785A-13
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US-08-974-022-2
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Best Local Similarity 40...
40; Conservative
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                                                                                                    REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
                                                                                  SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: OSTEOPROTEGERIN NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
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                 MOLECULE TYPE:
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                                   TOPOLOGY:
                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                  LENGTH:
                                                                                                                                      NAME: Winter, Robert B.
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GY: linear
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Pred. No. 5.2e-16;
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                                                                          MOLECULE TYPE:
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             Query Match
Best Local Similarity
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   Matches
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                                                                                                                              TELEFAX: (206) 233-064
[INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 474 amino acid
                                                                                                                                                                                          REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 250
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 4: FILING DATE: 13-OCT-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 421,417
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 403,241 FILING DATE: 05-SEP-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1. CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                      NAME: Wight, Christopher L. REGISTRATION NUMBER: 31,680
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                                                                                                                                  474 amino acids
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51 University Street
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Beckmann, M. Patricia
WENTION: Tumor Necrosis
   Conservative
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                                                                                                      linear
                                                                                       protein
                                                                                                                                                                                                                                                                                   10-MAY-1990
                                                                                                                                                                              233-0644
               24.5%; Score 186; DB 2; 37.6%; Pred. No. 2.9e-10;
                                                                                                                                                                                                                                                                                               US 523,635
                                                                                                                                                                                                                                                                                                                                                                                      US 405,370
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   Mismatches
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                             Length 474;
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                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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RESULT 9
5395760-4
; Patent No. 5395760
; Patent No. 5395760
; APPLICANT: SMITH, CRAIG A.; GOODWIN, RAYMOND G.; BECKMANN,
; M. PATRICIA ....... CARLU R.; DUDUMIN, RAYMOND G.; BECKMANN, TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND BECEPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/09042785A Patent No. 6194151 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (617)742-421 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US
FILING DATE: 17-MAR-1S
FILING PRICE 117-MAR-1S
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 26-SEP-1S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                              106 HATHNRACRCRTGFF----AHAGEC 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         46 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC
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                                                                                                                                                                                     TKQQNRVCACEAGRYCALKTHSGSC 136
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FENTION: NOVEL MOLECULES OF THE THE RECEPTOR SUPERFAMILY VENTION: AND USES THEREFOR
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26-SEP-1997
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NUMBER OF SEQUENCES: 17 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/ FILING DATE: 10-MAY-1990

US/07/523,635

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US-08-292-549-6
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Best Local (
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                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
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APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                     REFERENCE/DOCKET NUMBER: 26
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Smith, Craig A.
APPLICANT: Goodwin, Raymond G.
TITLE OF INVENTION: Isolated Viral Protein TNF Antagonists
NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                        REGISTRATION NUMBER:
                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                              CLASSIFICATION: 530
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                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
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                                                 LENGTH:
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                                                                                                                                                                                        Perkins, Patricia A
                                  amino acid
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                                                   355 amino acids
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                                                                              ; MOLECULE TYPE: US-08-505-606-1
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    Query Match
Best Local S
Matches 35
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Best Local
                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/378,968
FILING DATE: 26-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: HALEY, Jr., James F.
REGISTRATION NUMBER: 27,794
                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 197 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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OPERATING SYSTEM:
SOFTWARE: Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: New York
STATE: New Yor
                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: B1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67
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                                                                                                            TOPOLOGY:
                                                                                                                         STRANDEDNESS:
                                                                                                                                                      ENGTH:
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5. 5925351
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    Similarity
35; Conser
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1251 Avenue of the Americas
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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BENJAMIN, Christopher D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOLUBLE LYMPHOTOXIN-BETA RECEPTORS AND ANTI-LYMPHOTOXIN RECEPTOR AND LIGAND ANTIBODIES AS THERAPEUTIC AGENTS FOR THE TREATMENT OF IMMUNOLOGICAL DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23.8%;
   23.2%; So
37.2%; Pi
tive 11;
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Score 176; DB 2;
Pred. No. 1e-09;
11; Mismatches 4
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Pred. No. 6.3e-10;
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                                 DB 2;
    42;
                               Length 197;
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    Indels
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US-08-385-229-2
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Sequence 2, Application US/08385229
Patent No. 5605690
GENERAL INFORMATION:
, APPLICANT: Jacobs, Cindy A.
                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
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TOPOLOGY: lin
MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1840 CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 227 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                  121 RPGWY 125
                                                                                                                                                                  116 RTGFF 120
                                                                                                                                                                                                 61
                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/0: FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                56 TFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRC 115
                                                                                                                                                                                                                                                               13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       83 LEEIAPCTSKRKTQCRCQPGMFC-AAWALECTHC 115
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                                                                                                                                                                                                                                                                                               8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE-----RLVCAQCPPG 55
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No. 6015938
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                                                                                                                                                                                                                                                                                                                               Conservative
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Calzone, Frank J.
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                                                                                                                                                                                                                                                                                                                                              23.2%;
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                                                                                                                                                                                                                                                                                                                             12; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A-378
                                                                                                                                                                                                                                                                                                                                            Score 176; DB 3; Pred. No. 1.2e-09;
                                                                                                                                                                                                                                                                                                                                                             Length 227;
                                                                                                                                                                                                                                                                                                                               Indels
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; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-385-229-2
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Best Local Similarity
                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (206) 587-060 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 25
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PATENTIA RELEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
LENGTH: 461 amino acid
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MEDIUM TYPE: Floppy disk
                                                                                                     CORRESPONDENCE ADDRESS
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                                                                                                                                          TITLE OF INVENTION: Tumor Necrosis Factor Receptors
                                  STREET: J. Seattle
                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                       116 RTGFF 120
COUNTRY:
ZIP: 981
                              STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                          61 QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC
                                                                                                                                                                                                                                                                                                                                                                                                                                          56 TFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRC 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE:
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                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13 GLELWAAAHALPA------QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG
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                                                               51 University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         461 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           51 University
                                                                                                                                                                                              Smith, Craig A.
                U.S.A.
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                                                                                                                                                        Beckmann,
                                                                                                                                                                        Goodwin, Raymond G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Smith, Craig A.
                                                                                   Immunex Corporation
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587-0606
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                                                                                                                                                          M. Patricia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  49;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 461;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

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US-09-042-785A-7
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                                                                                                                            Sequence 7, Application US/09042785A
Patent NO. 6194151
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 23.2%; So
Best Local Similarity 32.0%; Pr
Matches 40; Conservative 12;
                                                                     NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                    121 RPGWY 125
                                                                                                                                                                                                                                                                                                                                                       116 RTGFF 120
                                                      ADDRESSEE:
STREET: 2
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                                                                                                                                                                                                                                                                                                                                                                                              61 QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13 GLELWAAAHALPA-----QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG 60
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                                      Boston
Massachusetts
: USA
                                                    28 State Street
                                                                                                                                               , Samantha {f J} NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 176; DB 2;
Pred. No. 2.5e-09;
L2; Mismatches 49
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US-08-650-000-2

MOLECULE TYPE:

protein

TYPE: amino acid TOPOLOGY: linear

TELEFAX: (206) 233-0644
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 461 amino acids

2

TELECOMMUNICATION INFORMATION: TELEPHONE: (206) 587-0430

NAME: Wight, Christopher L. REGISTRATION NUMBER: 31,680 REFERENCE/DOCKET NUMBER: 25

2501-D

APPLICATION NUMBER: US 523,635
FILING DATE: 10-MAY-1990
ATTORNEY/AGENT INFORMATION:

APPLICATION NUMBER: US 4: FILING DATE: 13-OCT-1989 PRIOR APPLICATION DATA:

US 421,417

PRIOR APPLICATION DATA:

FILING DATE:

APPLICATION NUMBER: US 403,241 FILING DATE: 05-SEP-1989 PRIOR APPLICATION DATA:

FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER:

US/08/038,765

US/08/468,453

APPLICATION NUMBER: US 405,370

11-SEP-1989

PRIOR APPLICATION DATA:

FILING DATE: CLASSIFICATION: 435

APPLICATION NUMBER: US/08/650,000

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Best Local Similarity
Matches 40; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 461 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                              TOPOLOGY: lit
MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATE: 17-MAR. ...
FILING DATE: 17-MAR. ...
PRIOR APPLICATION DATA:
CAPPLICATION NUMBER: US 08/938,896
APPLICATION NUMBER: 26-SEP-1997
CAPPLICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
OURSELY APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: ME
TELECOMMUNICATION INFORMATION:
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121 RPGWY 125
                                  116 RTGFF 120
                                                                     61 QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC 120
                                                                                                        56 TFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRC 115
                                                                                                                                            13 GLELWAAAHALPA------QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                  8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE-------RLVCAQCPPG 55
                                                                                                                                                                                                                                                                                                                                                                                  amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                     461 amino acids
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(617)742-471
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                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                internal
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                                                                                                                                                                                                                Score 176; DB 4; Length 461; Pred. No. 2.5e-09; Indels 12; Mismatches 49; Indels
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Search completed: May 23, 2001, 15:56:35 Job time: 168 sec

sequence sequence

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Post-processing: Minimum Match 0%
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Listing first 45 s
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Match
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1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/pcTUS_COMB.pep:*

6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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US-08-974-022-6
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US-08-232-087A-9
US-08-385-229-2
US-08-650-000-2
US-08-385-229-2
US-08-248-7
5395760-4
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US-08-950-508-292-549-6
US-08-974-022-47
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; TYPE: amino at
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; TOPOLOGY: lin
; MOLECULE TYPE: |
US-08-794-796-2
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US-08-794-796-2
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                                                                                                                                                                         COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,796
FILING DATE: 04 FEB-1997
CLASSIFICATION NUMBER:
APPLICATION NUMBER:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:

FILING DATE:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER: 34,344
REGISTRATION NUMBER: 34,344
REGISTRATION NUMBER: 34,344
REGISTRATION INFORMATION:
TELEPHONE: 610-270-5219
    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Emery, John
APPLICANT: Emery, John
APPLICANT: Truneh, Alem
APPLICANT: Truneh, Alem
APPLICANT: Young, Petter
TITLE OF INVENTION: Tumor Necrosis Re
TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSE: SmithKline Beecham Corpo
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
COUNTRY: USA
TIP: 19406
                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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5. 5885800
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PCT-US91-022-07-4
US-08-974-022-42
US-08-147-784-2
PCT-US96-1237-2
US-08-08-232-087A-7
US-08-232-087A-7
US-08-916-139-2
US-08-996-139-6
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    Length 300;
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Result No.

Score

Pred. No.

18

Minimum Maximum

DB DB

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Searched:

Total number of

Scoring table:

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Title: Perfect score:

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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA: APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                       139 NTVCKRCPDG 148
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                                                                                                             86
                                                                                                                                      64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    26 PKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKTVCAPCPDHYYTDSWHTSDECLYCSP 85
                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
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Thousand Oaks
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Mismatches 0;
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Matches
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                                                                                             APPLICANT:
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                        CORRESPONDENCE ADDRESS
                                                                                  APPLICANT:
                                                                     APPLICANT:
                                                                                                                                                                                                                                                 124 GG--RRCGRG
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 E: Amgen Inc.
1840 Dehavilland Drive
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Patent No. 6015938 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Busfie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 26-SEP-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA
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STREET: L.
STREET: Massar
                                                                                                                                                                                                                                                      139 NTVCKRCPDG 148
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REGISTRATION NUMBER: 36,2
REFERENCE/DOCKET NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                  86 VCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRSCPPGFGVV---
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                                                                                             Boyle, Willaim J.
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                                     Calzone, Frank
Chang, Ming-Shi
                                                           Lacey, David L.
Calzone, Frank J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (617)742-4214
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    Samantha J
NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
AND USES THEREFOR

                     OSTEOPROTEGERIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         35.6%; Score 292.5; 38.5%; Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEI-001CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:

COUNTRY:

USA

91320-1789 Thousand Oaks California

REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO:

A-378

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ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

08/577,788

CLASSIFICATION:

APPLICATION NUMBER: US/0: FILING DATE: 12-DEC-1995

US/08/974,022

Version

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                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6177110N:
                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 13, Application US/09042785A Patent No. 6194151
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                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                               APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
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                                      PRIOR APPLICATION DATA:
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                                                     APPLICATION NUMBER: US/09 FILING DATE: 17-MAR-1998
                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                         STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                64 LCGEREEEARACHATHNRACRCRTGFFAHAGFCLEHASCPPGAGVIAPGESWARGGAPRS 123
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APPLICATION NUMBER: US 08/938,896 FILING DATE: 26-SEP-1997
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                                                                    US/09/042,785A
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Pred. No. 5.8e-19;
2; Mismatches 55;
                                                                                                             Version #1.25
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; FRAGMENT TYPE:
US-09-042-785A-13
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) MOLECULE TYPE:
US-08-974-022-2
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Best Local Similarity
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ZIP: 91320-1/05
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE:
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                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
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APPLICANT:
                                                                                                                                                            SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
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                                                             TOPOLOGY:
                                                                                                  TYPE:
                                                                                                                                                                                                                                                                                                                                   FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 12-DEC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Thousand Oaks
STATE: California
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                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
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                                                                                                                          LENGTH:
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RATION NUMBER: 36,207
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Lacey, David L.
Calzone, Frank J.
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12-DEC-1995
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                                                                 TELEFAX: (206) 233-06
NFORMATION FOR SEQ ID NO:
                                                                                                                 REFERENCE/DOCKET NUMBER: 25
TELECOMMUNICATION INFORMATION:
                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            124 GG--RRCGRGQVAG--PSLAP 140
 TYPE: am
TOPOLOGY:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1
                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 4 FILING DATE: 13-OCT-1989
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                               LENGTH:
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U.S.A.
                              474 amino acids
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Beckmann, M. Patricia
VENTION: Tumor Necrosis Factor Receptors
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11-SEP-1989
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Pred. No. 1.1e-18;
Pred. No. 1.5e-18;
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                                                                                          Query Match
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Best Local Similarity
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                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                       MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: ME
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                               FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/0 FILING DATE: 17-MAR-1998 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Busfield, TITLE OF INVENTION: 1
                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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                            16 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0,
52 QMCCAKCPPGQYVKHFCNKTSDTVCADCEASMYTQVWNQFRTCLSCSSSCTTDQVEIRAC 111
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                                                                           Local Similarity
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31.8%; Pred. No. 2.
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NOVEL MOLECULES OF
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Pred. No. 2.5e-11;
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RESULT 9
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APPLICATION NUMBER: US/
FILING DATE: 10-MAY-1990
                   CURRENT APPLICATION DATA:
                                                                                                                   COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                    NPPLICANT: ITOH, Naoto
NPPLICANT: YONEHARA, Shin
TITLE OF INVENTION: DNA Coding for Human Cell Surface Antigen
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                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                         CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         76 HATHNRACRCRTGFF----AHAGF---CLEHASCPPGAGVIAPGESWARGGAPRSGGRRC 128
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                                                                                               MEDIUM TYPE:
                                                                                                                                                         COUNTRY:
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                                                                                                                                         22202
                                                                                                                                                                                                              E: James W. Hellwege
P.O. Box 2266 Eads Station
                                                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                                                  NAGATA, Shigekazu
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                                     PatentIn Release #1.0, Version #1.25
                                                                                             Floppy disk
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US/08/219,237B
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                                                                                                                     NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,087A
                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 205-8000 TELEFAX: (703) 205-8050
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MEDIUM TYPE: Floppy disk
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MOLECULE TYPE:
                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                          FILING DATE: 08 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
ZIP: 22042
                                     STRANDEDNESS:
                                                                                                                                                                                                                                      REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Falls Church
                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                      NAME: Murphy Jr., Gerald M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                   TOPOLOGY:
                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                         amino acid
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Virginia

U.S.A.

08-SEP-1994 N: 435

28,977

756-103P

164 amino acids

9

linear

not relevant

E: Birch, Stewart, Kolasch & Birch, 8110 Gatehouse Road, Suite 500 East

TLP

Lymphoid CD30-Antigen

Horst

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US-08-219-237B-5
                                                                                                    US-08-232-087A-9
                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: James W. Hellwege
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                                        APPLICANT: Stein, Harald
                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NO....REFERENCE/DOCKET NUMBER: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: James W. Hellwege REGISTRATION NUMBER: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 2
CLASSIFICATION:
                                                                                                                                                                                                                             13 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSDDQVETQAC
                                                                                                                                                                                                                                                         16 RLVCAQCPPGTTVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 75
                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                73 TREQURICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 115
                                                                                                                                                                                             76 HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPG 112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/872,129
                                                                                                                                                                                                                                                                                                                                                                                                               amino acid
                                                                                     Application US/08232087A
D rkop, nc.
                                                                                                                                                                                                                                                                                                                                                                                                                              163 amino acids
                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                 linear
                                                                                                                                                                                                                                                                                                                                                                                protein
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33.0%;
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                                                                                                                                                                                                                                                                                               Score 191; Db 2,
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                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                      DB 2;
                                                                                                                                                                                                                                                                                         50;
                                                                                                                                                                                                                                                                                                                      Length 163;
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; OTHER INFORMATION:
US-08-232-087A-9
                                                          Matches
                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 48,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS_MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
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   51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 10.0 - CITY: Thousand Oaks
                                                                          Local Similarity
                                                                                                                                                                TOPOLOGY:
                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1 CLASSIFICATION:
                           16 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 75
                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           74 TREQURICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         76 HATHNRACRCRTGFFAHAG---
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                          ENGTH:
QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 34;
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                                                                                                                                                                                          amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Amgen Inc.
1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Calzone, Frank
Chang, Ming-Shi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lacey, David L.
Calzone, Frank J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Protein
1..164
                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Release #1.0, Version #1.30
                                                                                                                                                               ss: single
linear
                                                                                                                                                                                                          amino acids
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                                                                                                                                                                                                                                                                                                                 08/577,788
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                                                                                                                                                                                                                                         48:
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                                                       Score 189; DB 3; L
Pred. No. 2.2e-10;
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Pred. No. 1.6e-10;
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                                                                                    Length 227;
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                                                          Indels
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                                                                                                                                                                    RESULT
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                                                                                                                 Sequence 2, Application US/08650000 Patent No. 5945397
                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08385229 Patent No. 5605690
                                                                                  GENERAL INFORMATION: APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Jacobs
ADDITCANT: Smith
APPLICANT: Bec...
TITLE OF INVENTION: T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION UNMBER: 31,680
REFERENCE/DOCKET NUMBER: 2503
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                     111 TREQURICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                        51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                     76 HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPG 112
                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 98101
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY:
                                                                                                                                                                                                                                                                                                                        16 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 75
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                                                                                                                                                                                                                                                                                        QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              461 amino acids
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Jacobs, c...
Yeth
                                 Beckmann, M. Patricia
VENTION: Tumor Necrosis
                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                  Goodwin, Raymond G.
                                                                                    Smith, Craig A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         protein
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587-0606
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method of Treating TNF-Dependent
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Pred. No. 4.6e-10;
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                                 Factor Receptors
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                                                                                                                                                                                                                                                                                                                                                                                          Length 461;
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ORRESPONDENCE ADDRESS:
ADDRESSEE: Immunex Corporation

51 University Street

COUNTRY:

U.S.A.

CITY: Seattle

Washington

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                                                                                                                                                                                  RESULT 15
US-09-042-785A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (206) 233-0644
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 461 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                               Sequence 7, Application US/09042785A Patent No. 6194151
                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                       GENERAL INFORMATION:
APPLICANT: Busfield
TITLE OF INVENTION:
TITLE OF INVENTION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 250
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 403,241
FILING DATE: 05-SEP-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 405,370
FILING DATE: 11-SEP-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                               NUMBER OF SEQUENCES: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                              111 TREQURICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 153
                                                                                                                                                                                                                                                                                                                                  51 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 110
                                                                                                                                                                                                                                                                                                 76 HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPG 112
                                                                                                                                                                                                                                                                                                                                                                         16 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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CLASSIFICATION: 435
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                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   461 amino acids
                                                                                         Busfield, Samantha J
VENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
LAHIVE & COCKFIELD, LLP State Street
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13-OCT-1989
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10-MAY-1990
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33.0%; Pred. No. 4.6e-10;
33.0% afficiency 51;
                                                                       AND USES THEREFOR
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Search completed: May 23, 2001, 15:56:35 Job time: 168 sec
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Best Local Similarity
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FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/9:
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (617)227-7400.
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: ME
TELECOMMUNICATION INFORMATION:
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                                                                                        111 TREQURICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 153
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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2; Mismatches 51
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1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
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4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
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Gapop 10.0 ,
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US-08-385-229-4
US-08-219-237B-5
US-08-229-549-6
US-08-232-087A-9
US-09-042-785A-23
US-08-959-882-2
US-08-959-606-1
US-08-959-606-1
US-08-959-74-022-47
US-08-974-022-47
US-08-974-022-549-9
PCT-US91-02207-2
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US-08-974-022-2
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seducine ", ubbit	ליבול כי מסוימים	Sequence 2, Appli	Sequence 8, Appli	Sequence 51, Appl	Sequence 11, Appl	Sequence 11, Appl	Sequence 7, Appli	7,	Sequence 6, Appli	Sequence 4, Appli	Sequence 7, Appli	Sequence 15, Appl	Sequence 2, Appl1	Sequence 6, Appli	Sequence 2, Appli	Sequence 42, Appl	Sequence 4, Appli	Sequence 4, Appli

ALIGNMENTS

; MOLECULE TYPE: US-08-794-796-2 Sequence 2, Patent No. GENERAL INFORMATION: INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: Fast-SEQ for Windows Version CURRENT APPLICATION DATA: APPLICANT: Truneh, Alem APPLICANT: Young, Peter TITLE OF INVENTION: Tumor Necrosis TITLE OF INVENTION: TR4 REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: GH TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219 FILING DATE: ATTORNEY/AGENT INFORMATION: NAME: Han, William T CLASSIFICATION: 514 PRIOR APPLICATION DATA: COMPUTER READABLE FORM: MEDIUM TYPE: Diskette NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: APPLICANT: APPLICANT: STATE: I TYPE: amino a STRANDEDNESS: APPLICATION NUMBER: US/08/794,796 FILING DATE: 04-FEB-1997 TOPOLOGY: LENGTH: TELEFAX: 610-270-4026 APPLICATION NUMBER: CITY: King of Prussia STREET: ADDRESSEE: SmithKline STREET: 709 Swedeland 2, Application US/08794796 5. 5885800 19406 amino acid PA 300 amino acids USA Tan, Emery, linear ΚB single John Road Beecham GH50000 Corporation Related Receptor

84.1%;

Score 814;

DB 2;

Length 300;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Calzone, Frank
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOP
       121
                                       129 HASCPPGAGVIAPGESWARGGAPRSGG--RRCGRG 161
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                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
                                                                              61
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                                                                                                               69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLE 128
                                                                                                                                                                                         11 LLCLVLALPALLPVPAVRGVAET--PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPT 68
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nes 142; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                       401 amino acids
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Lacey, David L.
Calzone, Frank J.
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36.8%;
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mismatches 0;
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                                                                                                                                                                          RESULT
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; FRAGMENT TYPE:
US-09-042-785A-12
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                                                                                                             Sequence 4, Application US/08974022 Patent No. 6015938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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Patent No. 6194151
                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (617)742-421 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 17-MAK-1220
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/938,896
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08, FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION: NAME: Mandragouras, Amy E REGISTRATION NUMBER: 36,20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
                                                          APPLICANT:
                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICANT: Chang, I
                                       APPLICANT:
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                                                                                                                                                                                                                                                                    129 HASCPPGAGVIAPGESWARGGAPRSGG--RRCGRG 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                 121 HRSCPPGFGVV-----QAGTPERNTVCKRCPDG 148
                                                                                                                                                                                                                                                                                                                                  69 TCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLE 128
                                                                                                                                                                                                                                                                                                                                                                                                                     11 LLCLVLALPALLPVPAVRGVAET -- PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPT 68
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                         61 VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK 120
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28 State Street
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                                                        Boyle, Willaim J.
Lacey, David L.
                   Calzone, Frank J.
Chang, Ming-Shi
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SYSTEM: PC-DOS/MS-DOS
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OSTEOPROTEGERIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30.6%; Score 296; DB 4; Length 401; 36.8%; Pred. No. 9.6e-20;
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NUMBER OF SEQUENCES: 5

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Amgen Inc

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1840 Dehavilland Drive

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; Sequence 13, Application US/09042785A
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Matches 5
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Best Local :
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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APPLICATION NUMBER:
                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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TITLE OF INVENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 3
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                                                                                                                                                                                                         CITY: Boston
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                                                                                                                                                                                     Massachusetts
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MBER: US/09/042,785A
17-MAR-1998
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Patent No.
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Best Local Similarity 37.6%;
Matches 53; Conservative
INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                             ATTORNEY/AGENT INFORMATION:
                                                                                                PRIOR APPLICATION DATA:
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              NAME: Winter, Robert B. REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Mandragouras, Amy E REGISTRATION NUMBER: 36,20
                                                                                                                                  APPLICATION NUMBER: FILING DATE: 12-DEC
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                  FILING DATE
                                                                               APPLICATION NUMBER:
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Thousand Oaks
California
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Lacey, David L.
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                                                                                                                           UMBER: US/08/974,022
12-DEC-1995
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Pred. No. 8.7e-19;
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               A-378
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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: prot
US-08-974-022-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             밁
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Best Local Similarity
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                                                                   REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 2501-D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                               FILING DATE: 10-MAY-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 421,417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 403,241
FILING DATE: 05-SEP-1989
PRIOR APPLICATION DATA:
FIGURE APPLICATI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 42
FILING DATE: 13-OCT-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  139 NTVCKRCPDGFFSGETSSKAP 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  154 GG--RRCGRGQVAG--PSLAP 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION: 435
                                 TELEPHONE:
                                                                                                                                       NAME: Wight, Christopher L. REGISTRATION NUMBER: 31,680
                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 10-MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 86
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            34 PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNV 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PKYLHYDPETGRQLLCDKCAPGTYLKQHCTVRRKTLCVPCPDYSYTDSWHTSDECVYCSP 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 VCKELQTVKQECNRTHNRVCECEEGRYLELEFCLKHRSCPPGLGVL-
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51 University Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Goodwin, Raymond G.
Beckmann, M. Patricia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
(206)
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                                     (206) 587-0430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                      US 523,635
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US 405,370
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US/08/468,453
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           56;
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Best Local Similarity
Matches 42; Conserv
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                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/938,896

FILING DATE: 26-SEP-1997.

ATTORNEY/AGENT INFORMATION:

NAME: Mandragouras, Amy E
RECISTRATION NUMBER: 36,007

REFERENCE/DOCKET NUMBER: MEI-001CP

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)227-7400
                                                                                                   TELEFAX: (617)742-421.
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 474 amino acid
MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       159 GRGQVAGPSLAP 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            112 TKQQNRVCACEAGRYCALKTHSGSCRQCMRLSKCGPGFGV---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             106 HATHNRACRCRTGFF----AHAGF---CLEHASCPPGAGVIAPGESWARGGAPRSGGRRC 158
                                  TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998
                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    46 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                52 QMCCAKCPPGQYVKHFCNKTSDTVCADCEASMYTQVWNQFRTCLSCSSSCTTDQVEIRAC 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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                                                                       474 amino acids
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                                                                                                                            (617)742-4214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Busfield,
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                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
   interna
                    peptide
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NOVEL MOLECULES OF THE
AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21.0%; Score 203; DB 2; 31.8%; Pred. No. 3.6e-11;
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                                                                                                                                                                                MEI-001CP
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Query Match
Best Local Similarity

21.0%; Score 203; DB 4; Length 474; 31.8%; Pred. No. 3.6e-11;

Matches

42;

Conservative

13;

Mismatches

Indels

22;

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5395760-4
Patent No. 5395760
                                                                                                                                                                                                                                                                                                                                                       US-08-974-022-48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                          Patent No. 6015938
                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 17
CURRENT APPLICATION DATA:
                                                                                                                                                       APPLICANT: Calzone, Frank J.
APPLICANT: Chang, MIng-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SMITH, CRAIG A.; GOODWIN, RAYMOND G.; BECKMANN,
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                       APPLICANT: Boyle, Willaim J. APPLICANT: Lacey, David L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 157 PNGNVLCKACAP 168
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                                                                                                                                                                                                                                                                                                                                                                                                                                       157 PNGNVLCKACAP 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           159 GRGOVAGPSLAP 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         106 HATHNRACRCRTGFF----AHAGF---CLEHASCPPGAGVIAPGESWARGGAPRSGGRRC 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
FILING DATE: 11-SEP-1989
APPLICATION NUMBER: 403,241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                52 QMCCAKCPPGQYVKHFCNKTSDTVCADCEASMYTQVWNQFRTCLSCSSSCTTDQVEIRAC 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/07/523,635 FILING DATE: 10-MAY-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     46 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 474
                                                           COUNTRY:
                                                                                 STATE:
                                                                                                  CITY: Thousand Oaks
                                                                                                                    STREET:
                                                                                                                                    ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TKQQNRVCACEAGRYCALKTHSGSCRQCMRLSKCGPGFGV
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                                        91320-1789
                                                                             California
                                                                                                                    E: Amgen Inc.
1840 Dehavilland Drive
                                                                                                                                                                                                                                    Lacey, David L.
Calzone, Frank J.
                                                             USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21.0%; Score 203; DB 6; 31.8%; Pred. No. 3.6e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 6; Length 474;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/08385229 Patent No. 5605690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 4
                ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher
REGISTRATION NUMBER: 31,6
                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Jacobs, Cindy A. APPLICANT: Smith, Craig A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
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LENGTH: 227 amino acid
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121 RPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               116 RTGFFAHAG-----FCLEHASCPPGAGVIAPG 142
                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
COMPUTATE TO THE PROPERTY OF THE PROPERTY OF THE POPULATION OF T
                                                                                                                                                                                                                                                                                                                                                                                STREET: 51 Uni
CITY: Seattle
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                               FILING DATE:
                                                                                                                                       CLASSIFICATION: 435
                                                                                                                                                          FILING DATE:
                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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NUMBER:
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Inflammation Using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20.9%; Score 202; DB 3 31.4%; Pred. No. 2e-11;
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                                                                                                US/07/946,236
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NEORMATION FOR SEQ ID NO:

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(206)

TELECOMMUNICATION INFORMATION:

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TELEPHONE:

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APPLICANT: Smith, Craig A.
                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                  APPLICATION NUMBER:
FILING DATE: 13-OCT-
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Goodwin, Raymond G.
APPLICANT: Beckmann, M. Patricia
TITLE OF INVENTION: Tumor Necrosis Factor Receptors
                                                                                                           FILING DATE: 11-SEP-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                 PRIOR APPLICATION DATA:
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                                   APPLICATION NUMBER:
                                                                                                                                                                                  APPLICATION NUMBER: US 4 FILING DATE: 05-SEP-1989
                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/038,765
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51 University Street
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INFORMATION:
                                                                         13-OCT-1989
                      10-MAY-1990
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                                       US 523,635
                                                                                            US 421,417
                                                                                                                                                US 405,370
                                                                                                                                                                                                     US 403,241
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; MOLECULE TYPE:
US-08-650-000-2
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                                                                         TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 2:
MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
                                                                                                                                                                                                             FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 25
TELECOMMUNICATION INFORMATION: (206) 587-0430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           121 RPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 153
                                                                                                                                                              NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM:
SOFTWARE: Patenti
                                TOPOLOGY:
                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0 FILING DATE: 17-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC 120
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                                                             LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE------RLVCAQCPPG 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GLELWAAAHALPA------QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            48;
                                                                                                                                                                                                                                                                                                                                                                                                                   02109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                Massachusetts
                                                               461 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                 PatentIn Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Busfield,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                E: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                linear
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 internal
               peptide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 202;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               THE RECEPTOR SUPERFAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            63;
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8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE-----RLVCAQCPPG 55

Query Match Best Local

Local Similarity

20.9%;

Score 202; DB 4; Pred. No. 4.3e-11;

DB 4; Length 461; 63;

Mismatches

Indels

30;

Gaps

4;

Conservative

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RESULT 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 5395760
APPLICANT: SMITH, CRAIG A., GOODWIN, RAYMOND G., BECKMANN,
                                                                                                                                                          Sequence 1, Application US/08243010
Patent No. 5639597
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 17
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
FILING DATE: 11-SEP-1989
APPLICATION NUMBER: 403,241
FILING DATE: 05-SEP-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND
                                                                      TITLE OF INVENTION:
                                                                                                                          APPLICANT:
                                                     NUMBER OF SEQUENCES:
                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                            121 RPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 153
                                                                                                                                                                                                                                                                                                                                116 RTGFFAHAG---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       121 RPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 153
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                                                                                                                                                                                                                                                                                                                                                                    61 QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC
                                                                                                                                                                                                                                                                                                                                                                                                 56 TFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/
FILING DATE: 10-MAY-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC
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                                                                                                                                                                                                                                                                                                                                                                                                                                           13 GLELWAAAHALPA-----QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                48;
                                                                Oquendo, Patricia
VENTION: Cell-free Receptor Binding Assays,
VENTION: Production and Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                          Zettlmeissel, Gerd
                                                                                                                                             Lauffer, Leander
Finnegan,
Dunner
                                                                                                                                                                                                                                                                                                                                ---FCLEHASCPPGAGVIAPG 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US/07/523,635
               Henderson, Farabow, Garrett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 202; DB 6; Length 461; Pred. No. 4.3e-11;
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Best Local Similarity
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APPLICATION NUMBER: US 07,
FILING DATE: 26-NOV-1991
APPLICATION NUMBER: DE P 4
FILING DATE: 28-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: Einaudl, Carol P,
REGISTRATION NUMBER: 32,22
                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
 121
                                   116
                                                                    19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/0 FILING DATE: 13-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: I
SOFTWARE: PatentIn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 1300 I Street, N.W. CITY: Washington
                                                                                                       56 TFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRC 115
                                                                                                                                          13 GLELWAAAHALPA------QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                     LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                         8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE------RLVCAQCPPG 55
RPGWYCALSKQEGCRLCAPLRKCRPGFGVARPG 153
                                   RTGFFAHAG---
                                                                    QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC 120
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                                                                                                                                                                                                                                                                                                                                                       amino acid
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                                                                                                                                                                                                                                                                                                                                                                         486 amino acids
                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                       peptide
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28-NOV-1990
                                 -FCLEHASCPPGAGVIAPG 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PC-DOS/MS-DOS
n Release #1.0,
                                                                                                                                                                                                                             20.9%; Score 202; DB 1; 31.4%; Pred. No. 4.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US 07/798,564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US/08/243,010
                                                                                                                                                                                                                                                                                                                                                                                                            1:
                                                                                                                                                                                                          12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                02481-1132-00000
                                                                                                                                                                                                              Mismatches
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                                                                                                                                                                                                                                               Length 486;
                                                                                                                                                                                                            Indels
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completed: May 23, 2001, 15:56:34 ne: 167 sec

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            seq
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1: /cgn2_6/ptodata/2/

2: /cgn2_6/ptodata/2/

3: /cgn2_6/ptodata/2/
4: /cgn2_6/ptodata/2/
5: /cgn2_6/ptodata/2/
6: /cgn2_6/ptodata/2/
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length: 2000000000
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Match
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39.1
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Gapop 10.0 ,
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137
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4.552 Million cell updates/sec
                       GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PEGWGPTPRAGRAALQLKLRRRLTEL 26
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/cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
/cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length DB
       Gapext 0.5
   US-08-794-796-2
US-08-486-273A-42
US-08-486-273A-42
US-08-486-273A-54
US-08-486-273A-54
US-08-486-273A-54
US-08-486-273A-50
US-08-231-193A-54
US-08-231-193A-60
US-08-231-193A-60
US-08-231-193A-48
US-08-231-193A-48
US-08-231-193A-48
US-08-231-193A-60
US-08-231-193A-60
US-08-486-273A-8
US-08-486-273A-8
US-08-486-273A-52
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   185757
Sequence 2, Appll
Sequence 42, Appl
Sequence 42, Appl
Sequence 42, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 50, Appl
Sequence 50, Appl
Sequence 50, Appl
Sequence 50, Appl
Sequence 48, Appl
Sequence 48, Appl
Sequence 6, Appl
Sequence 6, Appl
Sequence 6, Appl
Sequence 6, Appl
Sequence 52, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
     Query Match
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Database

Searched:

Sequence:

Run on:

Result No.

100.0%;

Score 137;

DB

Length 300;

APPLICANT: Truneh, Alem APPLICANT: Young, Peter TITLE OF INVENTION: Tumor Necrosis Related Receptor TITLE OF INVENTION: TA4 NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSEE: SmithKline Beecham Corporation STREET: 709 Swedeland Road CITY: King of Prussia STATE: PA COUNTRY: USA ZIP: 19406 COMPUTER READABLE FORM: MEDIUM TYPE: Diskette COUNTRY: USA ZIP: 19406 COURENTING SYSTEM: DOS SOFTMARE: FASTSEQ for Windows Version 2.0 CURENT APPLICATION NUMBER: US/08/794,796 FILING DATE: APPLICATION NUMBER: US/08/794,796 FILING DATE: 04-FEB-1997 CLASSIFICATION NUMBER: FILING DATE: APPLICATION NUMBER: FILING DATE: APPLICATION NUMBER: APPLICATION NUMBER: GH50000 TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219 TELEFAX: 610-270-5219 TELEFAX: 610-270-4026 TELEFAX: 610-270-4026 TELEFAX: 610-270-4026 TELEFAX: 610-270-4026 TYPE: amino acide STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein US-08-794-796-2	29 53.5 39.1 1244 4 US-08-040-040-040-040-040-040-040-040-040-
n 0	20 DDD7777000 H040

Matches

Best Local Similarity Matches 26; Conserv

Conservative

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Pred. No. 1.8e-13; Mismatches 0;

Indels

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Gaps

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APPLICANT: Lu, Chin-Chun

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US-08-231-193A-42
                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                Sequence 42, Application US/08486273A
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08,
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
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                                  APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Seidman, Stephanie REGISTRATION NUMBER: 33,779 REFERENCE/DOCKET NUMBER: 636 TELECOMMUNICATION INFORMATION: 619-238-0999
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LENGTH: 774 amino acid
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CINCIPLE TO THE PRINCIPLE OF THE P
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APPLICANT: Ellis, Stev
APPLICANT: Liaw, Chen
APPLICANT:
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TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Liaw, Chen W. APPLICANT: Lu, Chin-Chun
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CTTY: San Diego
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                                                                                                                                                                                                                                                                                                                                                                            692 PTGWGP-PDGGRAAL 705
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les 11; Conserv
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                                  Daggett, Lorrie P. Ellis, Steven B.
Liaw,
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Chen W.
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Pred. No. 2
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Patent No. 6
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Best Local
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FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
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APPLICANT: I
APPLICANT: I
APPLICANT: I
                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
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                                                                                                                                                                                           NUMBER OF SEQUENCES:
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                                                                                      COUNTRY:
                                                                                                               STATE:
                                                                                                                            CITY:
                                                                                                                                          STREET:
                                                                                                                                                            ADDRESSEE:
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11; Conserv
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1660 Union Street
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                                                                                             U.S.A.
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Ellis, Steven
                SYSTEM:
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PatentIn Release #1.0, Version #1.25
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teven B.
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73.3%;
              PC-DOS/MS-DOS
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Pred. No. 2
                                                                                                                                                          Haller & McClain
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CURRENT APPLICATION DATA:

CLASSIFICATION: FILING DATE: APPLICATION NUMBER:

06-JUN-1995

US/08/480,474

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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 774 amino acid
TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: 42:
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                                                                                                                                                      CLASSIFICATION: 536
PRIOR APPLICATION UNDATA:
APPLICATION UNDBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION UNDBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 638
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEPAX: 610-238-0999
                                                REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-MI
TITLE OF INVENTION: SUBUNITS,
NUMBER OF SEQUENCES: 63
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                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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                                    TELEPHONE:
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FILING DATE: 29-SEPT-97
                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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Local Similarity 73.38;
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                                                                                                              Seidman, Stephanie
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Ellis, Steven B.
Liaw, Chen W.
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                                      (619) 450-8400
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                             US/08/940,086A
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Pred. No. 2
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                                    Query Match
Best Local Similarity /J...
""" hes 11; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                           TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanle
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 633
TELECOMMUNICATION INFORMATION:
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APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
CURRENT APPLICATION DATA:
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ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 20-APR-
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 1214 amino aci
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                  MOLECULE TYPE: protein
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935 PTGWGP-PDGGRAAL 948
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Ellis, Steven B.
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73.3%;
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                                                                        Score 53.5;
Pred. No. 4
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Pred. No. 2
                                                           Mismatches
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US-08-480-474-54
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Sequence 54, App.
-- No. 6033865
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                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                             TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING TITLE OF INVENTION: SAME AND USES THEREFOR
                                                                                                                                                                                                                                   APPLICANT:
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ZIP: 92101-2926
COMPUTER READABLE FORM:
COMPUTEN REPORT TO THE TOTAL TO THE TOTAL 
                                                                                              CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: 1
FILING DATE: 20-APR-
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                           STREET:
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OPERATING SYSTEM:
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                                                                  DDRESSEE:
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San Diego
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                               E: Brown, Martin, Haller & McClain 1660 Union Street
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SYSTEM: PC-DOS/MS-DOS
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Steven B.
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US-08-940-086A-54
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Best Local Similarity
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                                                                                                                                      SUFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/08/940,086A
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
PRIOR ADDITOR: 536
                                                                                                                                                                                                                                                                                                           ADDANGET:
STREET:
CITY: La Jolic
CATTE: CA
TMATE: CA
USA
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MEDIUM TYPE: Floppy disk
                                FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                               FILING DATE: 20-APR-PRIOR APPLICATION DATA:
                                                                                                                                  PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994
                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 06-JUI CLASSIFICATION: 536
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Ellis, Steven
Liaw, Chen W.
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SYSTEM: PC-DOS/MS-DOS
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Stephanie
MBER: 33,779
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Steven B.
                                                                                                                                                                                                                                                                                                                                                                                                                                      HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                 US 08/052,449
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Pred. No. 4
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              Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 1219 amino aci
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TOPOLOGY: linear
MOLECULE TYPE: protein
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ATTORNEY/AGENT INFORMATION:
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SA
                                                                                             MOLECULE TYPE:
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                                                                                                                                                                                                                                    NAME: Seidman, Stephanie REGISTRATION NUMBER: 33,779 REFERENCE/DOCKET NUMBER: 63
                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 0: FILING DATE: 20-APR-1993
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FILING DATE: 20-APR-1994
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                                                                                                          TYPE: amino acid
TOPOLOGY: linear
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1660 Union Street
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Ellis, Steven
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Score 53.5; D
Pred. No. 4.8;
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                                                                                    Sequence 50, App...
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Best Local :
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MEDIUM TYPE: Floppy disk
COMPUTER: HBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
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MOLECULE TYPE:
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1660 Union Street
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Ellis, Steven
Liaw, Chen W.
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                           Daggett, Lorrie P. Ellis, Steven B. Liaw, Chen W.
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HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
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Best Local Similarity
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NFORMATION FOR SEQ ID NO:
                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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LENGTH: 1219 amino aci
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                PRIOR APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                        STREET: 4250 E. CITY: La Jolla
APPLICATION NUMBER:
                                   CLASSIFICATION:
                                                     FILING DATE:
                                                                                                                                                                                             COUNTRY: U
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/480,474 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 92101-2926
                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/08940086A
                                                                                                                                                                                                                                                                E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1219 amino acids
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                                                                                                                                                                                                              USA
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                                                    29-SEPT-97
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73.3%;
                                                                    US/08/940,086A
US 08/231,193
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BER: 6362-9382B
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Pred. No. 4
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RESULT 14
US-08-231-193A-48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 48,
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Best Local Similarity
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                                                              TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: ZU-n...
PRIOR APPLICATION NUMBER: US 08
APPLICATION OF APPLICATION OF APPLICATION OF APPLICATION OF APPLICATION OF APPLICATION:
                                                                                                                                                                                                                                          FILING DATE: 20-APR-CLASSIFICATION: 536
PRIOR APPLICATION DATA:
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REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 619-238-0999
                                                                                                                                                                              CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SA
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                                                              TELEPHONE: 010 TD NO:
                                                                                                                                           NAME: Seidman, Stephanie REGISTRATION NUMBER: 33,
                                                                                                                                                                                                             APPLICATION NUMBER: US 0 FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                               REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                               SOFTWARE:
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TOPOLOGY:
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                           LENGTH:
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92101-2926
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             : 1231 amino acids amino acid
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1660 Union Street
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73.3%;
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                                                                                                                                 6362-9383
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Pred. No. 4
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RESULT 15
US-08-486-273A-48
US-08-486-273A-48; Sequence 48, Application US/08486273A; Patent No. 5985586; GENERAL INFORMATION:
Search completed: May 23, 2001, 15:56:33 Job time: 166 sec
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                                                                                                                                                                                                                                                                                                              ;; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-486-273A-48
                                                                                                                                                                                               Query Match 39.1%;
Best Local Similarity 73.3%;
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 619-238-0999
TELEPAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 1231 amino acids
TYPE: amino acid
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Best Local Similarity 73.3%; Pred. No. 4.9;
Matches 11; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.

ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFORMUNICATION INFORMATION: 19-238-0999
TELEFAX: 619-238-0062
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APPLICANT: Liaw, Chien W.
APPLICANT: Liaw, Chien G.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
                                                                                                          952 PTGWGP-PDGGRAAL 965
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Pred. No. 4.9;
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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Match
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
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                                   US-09-123-851-1
US-08-728-825-2
US-08-931-300-2
US-08-991-300-2
US-09-417-305-1
US-09-417-305-1
US-09-418-2108-83
US-08-458-218-85
US-08-458-218-83
US-08-458-218-83
US-08-458-218-83
US-08-458-218-83
US-08-458-218-83
US-08-458-218-2
US-08-785-2108-83
US-08-785-2108-83
US-08-785-2108-83
US-08-785-2108-83
US-08-785-2108-15
US-08-785-271-6
US-08-785-271-6
US-08-785-3108-15
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PCT-US95-00601-2
US-09-123-851-1
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US-08-184-252A-2
US-09-123-851-3
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Sequence 3, Appli
Sequence 3, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 2, Appli
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Sequence 2, Appli
Sequence 2, Appli
Sequence 8, Appli
Sequence 87, Appli
Sequence 87, Appli
Sequence 87, Appli
Sequence 83, Appli
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Sequence 83, Appli
Sequence 6, Appli
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ALIGNMENTS

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; TOPOLOGY: 1; MOLECULE TYPE: US-08-794-796-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2,
Patent No.
                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Trunch, Alem
APPLICANT: Young, Peter
TITLE OF INVENTION: Tumor Necrosis Related
TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Smithkline Beecham Corporation
                                                                                                                                                                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/794,796 FILING DATE: 04-FEB-1997
                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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                                                TYPE: amino a STRANDEDNESS:
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                                                                                                                                                   TELEFAX: 610-270-4026
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                                                                                                                                                    Sequence 3, Application US/09123851 Patent No. 5958405
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Best Local
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                       CORRESPONDENCE ADDRESS
                                                                                                    APPLICANT: Goli, Surya K.
TITLE OF INVENTION: A NOVEL HUMAN PROTEIN TYROSINE KINASE
                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
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APPLICANT: Aaronson, Stuart A.
TITLE OF INVENTION: PROTEIN TYROSINE KINASE
                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                       CITY: Palo Alto
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les 8; Conser
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                                           STREET:
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                                            3174 Porter Drive
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                                                         Incyte Pharmaceuticals,
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RESULT 4
US-08-728-520-3
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Best Local
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                                                                                                                       APPLICATION NUMBER: US/08/728,520 FILING DATE: Filed Herewith PRIOR APPLICATION DATA:
                                                                                                                                                                         SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
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COMPUTER
                                         ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
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LIBRARY: GenBa
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NAME: Billings, Lucy J.
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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                             REFERENCE/DOCKET NUMBER:
                                                                                           FILING DATE:
                                                                                                                                                                                                         OPERATING SYSTEM:
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CITY: Palo Alto
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Best Local Similarity b1...
Conservative
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Best Local
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 235-8550
                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A.
                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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IMMEDIATE SOURCE:
LIBRARY: GenBa
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APPLICANT: Services
259
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ZIP: 92660
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                                                                 Local Similarity
                                                                                                                                                 TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
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MPGYTCSIRERML 271
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T: 620 Newport Center Drive, Sixteenth Floor
Newport Beach
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Pred. No.
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Pred. No.
                                                   Mismatches
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                                                                 DB 5;
25;
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25;
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GENERAL INFORMATION:
                                                                                                                                                                                                        Patent No.
                                                                                                                                                                                                                      Sequence 1,
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Best Local Similarity
Matches 7; Conser
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                                                                                                                                                                                          GENERAL INFORMATION:
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            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                          NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
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                                                                                                                                                          APPLICANT: Goli, Surya K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
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TITLE OF INVENTION: A NOV
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                                                                                                                                                                                                                                                                                                  259 MPGYKCSIKERML 271
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CITY: Palo Alto
                                         ZIP:
                                                                     CITY: Palo Alto
STATE: CA
                                                       COUNTRY:
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3174 Porter Drive
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IBM Compatible
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53.8%;
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Pred. No.
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FILING DATE: Filed Herewith PRIOR APPLICATION DATA:

APPLICATION NUMBER: FILING DATE: Filed

US/08/728,520

SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:

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Best Local Similarity
Thes 7; Conserve
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                                                               PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/005,652

APPLICATION NUMBER: 18-0CT-1995

ATTORNEY/AGENT INFORMATION:

NAME: NO. 58378394K, Henry P.

REGISTRATION NUMBER: 33200

REFERENCE/DOCKET NUMBER: 4-20615/P1
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IMMEDIATE SOURCE:
LIBRARY:
CLONE: Consensus
   NFORMATION FOR
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                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-5110
TELEFAX: (908) 277-4606
FFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5837839artis Patent and Trademark Department
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OPERATING SYSTEM:
SOFTWARE: Patenti
                                                                                                                                                                                                                                                                                                                                                                            CITY: East Hanover STATE: New Jersey
                                                                                                                                                                                           CLASSIFICATION:
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REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE:
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VENTION: Coding Sequences for Mevalonate
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Pred. No.
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36;
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1 ARMPGLERSVRERFLP 16

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US-08-991-300-2
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 Matches
             Query Match
Best Local
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Best Local Similarity
Matches 8; Conser
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APPLICATION NUMBER: IT MI
FILING DATE: 19-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,61
REFERENCE/DOCKET NUMBER: 2
                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                     TOPOLOGY: 11 MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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TYPE: amino acid
TOPOLOGY: Jinco
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Local Similarity 43. nes 7; Conservative
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OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: 1755 S. JEFFERSON DAVIS HIGHWAY
CITY: ARLINGTON
                                                                                                                STRANDEDNESS:
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VENTION: ISOLATION AND CHARACTERIZATION OF A GENE
VENTION: ENCODING A LOW MOLECULAR WEIGHT GLUTENIN
                                                                                                                                                                                                                                                                                                                                                                                         PatentIn Release #1.0,
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MERCHITELLI, CINZIA
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           45.7%;
43.8%;
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                                                                                                                                                                                                                                              24,618
           Score 37;
Pred. No. 5
                                                                                                                                                                                                                                  2264-0201-0X
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Pred. No.
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             58;
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                            Length 369;
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US-08-303-238-1
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                                                                                                                                  Sequence 2, Applicat Patent No. 6159723 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                             Matches
                                  TITLE OF INVENTION: RENIN-ACTIVE SUBSTANCE FILE REFERENCE: 99_1140A
                                                                                                APPLICANT: MURAKAMI, Kazuo
APPLICANT: NAKAMURA, Yukio
                                                                     APPLICANT:
                                                                                    APPLICANT:
CURRENT APPLICATION NUMBER: US/09/417,305A
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APPLICATION NUMBER: US 07/978,931
FILING DATE: 17-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                       169 RMPGPLPRSLRELHL 183
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                       2 RMPG-LERSVRERFL 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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                                                                  SUZUKI, Fumiaki
ISHIDA, Yuichi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  amino acid
                                                                                                                                                                        Application US/09417305A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CALIFORNIA
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4370 LA JOLLA VILLAGE DRIVE, SUITE 700
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LONGAKER, MICHAEL
WHITBY, DAVID J.
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PIERSCHBACHER, MICHAEL D.
BORDER, WAYNE A.
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AND METHODS FOR PREVENTING OR REDUCING SCARRING
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Best Local Similarity
""" hes 6; Conserv:
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Best Local Similarity
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US-08-173-510B-87
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                                                                                                                                                                                                                                           Sequence 87, Application US/08173510B Patent No. 5747296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09417305A Patent No. 6159723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: MATTHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/417,305A
CURRENT FILING DATE: 1999-10-13
NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: RENIN-ACTIVE SUBSTANCE FILE REFERENCE: 99_1140A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: SUZUKI, Fumiaki
APPLICANT: ISHIDA, Yuichi
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TYPE: PRT
ORGANISM: Artificial Sequence
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              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
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                                                                                                                                                              TITLE OF INVENTION: NO NUMBER OF SEQUENCES: 1 CORRESPONDENCE ADDRESS:
                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
STREET: Suite 4700
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                                                                          COUNTRY:
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                                                                                       Los Angeles
: California
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                                                                                                                                                                                                            MATTHEW MOYLE, ET AL.
                                                                         U.S.A.
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IBM Compatible
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Pred. No.
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Pred. No.
                              1.44 Mb
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PRIOR APPLICATION DATA:

FILING DATE:

23-DEC-1993

US/08/173,510B

APPLICATION NUMBER:

APPLICATION DATA

Word Perfect 5

IBM P.C. DOS 5.0

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                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/151,064
FILING DATE: 10-NOVEMBER-1993
                                                                                                                                  SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
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LENGTH: 224 AMINO ACID
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                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             -173-510B-87
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                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
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TYPE: AMINO ACID
          APPLICATION NUMBER: 08/0 FILING DATE: 11-MAY-1993
                                                                                       CLASSIFICATION: 435
                                                                                                                                                               OPERATING SYSTEM:
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 APPLICATION NUMBER:
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5. 5789178
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67-3510
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633 West Fifth Street
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53.8%;
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                           08/060,433
07/881,721
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FR: 205
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Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/1
FILING DATE: 23-DEC-1993
                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Word Perfect 5.
CURRENT APPLICATION DATA:
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                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
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APPLICATION NUMBER: 08/1
FILING DATE: 10-NOV-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                            TELEFAX:
                                                                          REFERENCE/DOCKET NUMBER:
                                                                                        REGISTRATION NUMBER:
                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 24-DEC
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TELEX: 67-3510
                                                                                                                                    FILING DATE:
                                                                                                                                                    APPLICATION NUMBER:
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AMINO ACID
                             (213) 955-0440
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SEQ ID NO:
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                   DOS 5.0
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SEQUENCE CHARACTERISTICS:
LENGTH: 224 AMINO ACIDS
TYPE: AMINO ACIDS
TYPE: AMINO ACIDS
TYPE: AMINO ACID
TOPOLOGY: LINEAR
MOLECULE TYPE: PEPFIDE
US-08-450-497-87

Query Match
Best Local Similarity 53.8%; Score 36; DB 2; Length 224;
Best Local Similarity 53.8%; Pred. No. 50;
Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 MPGLERSYNERFL 15
LII 7: I: II
Db 27 MPGFNDSIRLOFL 39

Search completed: May 23, 2001, 15:56:34
Job time: 167 sec
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
/cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
/cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/2/1aa/backfiles1.pep:*
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2.276 Million cell updates/sec
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Sequence 2, 1
Patent No. 58
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***SUS-08-794-796-2
                                   SEQUENCE CHARACTERISTICS:
LENGTH: 300 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-794-796-2
                                                                                                                                                                                                                                                                                                                                                                                           F ...
                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
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29
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32
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MEDIUM TYPE: Diskette
                                                                                                                                                               REGISTRATION NUMBER: 34,344
REFERENCE/DOCKET NUMBER: GHI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0:
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline
STREET: 709 Swedeland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Truneh, Alem
APPLICANT: Young, Peter
TITLE OF INVENTION: Tumor Necrosis
TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                           FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Com
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 709 Sweet CITY: King of Prussia
                                                                                                                                                                                                    NAME: Han, William T REGISTRATION NUMBER:
                                                                                                                                                  TELEFAX: 610-270-4026
                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: UZIP: 19406
                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
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                                                                                                 300 amino acids
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US-08-901-710-5

US-08-970-141A-3

US-08-476-705A-5

5202417-1

US-08-162-081B-49

US-08-780-872-49

US-08-782-480-26
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US-08-468-770-79
US-08-290-665A-79
PCT-US95-10398-79
US-08-836-075A-76
US-08-448-196A-9
US-08-849-602C-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Related Receptor,
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Sequence 3, Appli
Sequence 3, Appli
Sequence 5, Appli
Patent No. 5202417
Sequence 49, Appl
Sequence 49, Appl
Sequence 26, Appl
Sequence 26, Appl
Patent No. 5202417
Sequence 41, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 79, Appl
Sequence 76, Appl
Sequence 9, Appli
Sequence 27, Appl
Patent No. 5248599
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Minimum DB Maximum DB

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length:

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Total number of hits satisfying chosen parameters:

185757 seqs, 19210857 residues

Scoring table: Sequence: Title: Perfect score:

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US-09-518-931-2_COPY_205_217 68

VPGAEECERAVID 13

Run

92:

OM protein - protein search, using sw model

Database

Issued_Patents_AA:*

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Result

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Score

Match Length Query

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SUMMARIES

US-08-794-796-2
US-08-42-964-3
US-07-863-169A-3
US-07-935-087-3
PCT-US-93-08062-3
US-07-935-087-7
US-08-836-075A-18
US-08-836-075A-17
US-08-867-174-17
US-08-867-174-17
US-08-867-174-17
US-08-867-941-13
US-08-867-941-13
US-08-867-941-13
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US-08-867-941-13
US-08-867-941-13
US-08-867-941-15
US-08-074-658-15
US-09-074-658-15
US-09-074-658-15
US-09-074-658-11
US-08-88-15

985 985 985 985 1000 1000 1000 1000 2439 2439 3224

Query Match

100.0%;

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DB 2

Length 300;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 3 Patent No.
                                                                                                                                                                                                                                                                 NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTSI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (713) 789-2679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                     NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: '437 amino acids
                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: Parker, David L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/822,011
FILING DATE: 19-JAN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Goldstein, Joseph L. APPLICANT: Reiss, Yuval
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   205 VPGAEECERAVID 217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 530
APPLICATION NUMBER: US 07/937,893
FILING DATE: 18-APR-1991
                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 51 FILING DATE: 18-APR-1990
                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 615,715
FILING DATE: 20-NOV-1990
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 03-AP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
                               1 VPGAEECERAV 11
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VPGFEECEDAV 430
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13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Arnold, White & Durkee P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Brown, Michael S.
                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PatentIn Release #1.0, Version #1.30
                                                                                                                                                          linear
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                                                                                                                                                                       single
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81.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                US 510,706
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                                                                             Score 45;
Pred. No.
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; Mismatches 0;
                                                              Mismatches
                                                                                           DB 1;
                                                                                          Length 437;
                                                           Indels
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Query Match
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В
                                                                                                                                    TOPOLOGY: US-08-429-964-3
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                                                                                                                                                                                                                      TELEX: 79-0924
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
LENGTH: 437 amino aci
                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION: NAME: PARKER, DAVID L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 08/021,625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
420 VPGFEECEDAV 430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                   TELEPHONE: (51-)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ITLE OF INVENTION: METHODS FOR THE IDENTIFICATION OF FARNESYLITLE OF INVENTION: TRANSFERASE INHIBITORS
                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 18-APCLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: UI
                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                  TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/615,715 FILING DATE: 20-NOV-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/
FILING DATE: 18-APR-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 439
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE:
                           1 VPGAEECERAV 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 0 FILING DATE: 16-FEB-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: ABANDONED
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                                                                                                                                                                                amino acid
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                                                          Conservative
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JAMES, GUY L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GOLDSTEIN, JOSEPH L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BROWN, MICHAEL S.
                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ARNOLD, WH
O. BOX 4433
                                                                                                                                                                                                                                                             (512) 418-3000
'13) 789-2679
                                                                                                                                                                                             amino acids
                                                                                                                                                                                                                                                                                                                                                                               UMBER: US 07/510,706
18-APR-1990 (ABANDONED)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   27-APR-1995
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                                                                                                                                                                  single
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                                                                       66.2%;
81.8%;
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                                                          0;
                                                                                                                                                                                                                                                                                                         UTSD:432/PAR
                                                                                     Score 45;
                                                                          Pred. No. 2
                                                          Mismatches
                                                                                       DB 2;
                                                                                    Length 437;
                                                          Indels
                                                          0,
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RESULT 4 US-07-935-087-3

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INFORMATION:

BROWN,

MICHAEL S.

GOLDSTEIN, JOSEPH L.

, Application US/07935087 6083917

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PCT-US93-08062-3
                                                                                                                                                                                    Sequence 3, Application PC/TUS9308062 GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                 SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS: BROWN, MICHA
SEQUENCE CHARACTERISTICS: GOLDSTEIN, J
SEQUENCE CHARACTERISTICS: REISS, YUVAL
SEQUENCE CHARACTERISTICS: MARSTERS, JR
ADDRESSEE: METHODS AND COMPOSITIONS
ADDRESSEE: METHODS AND COMPOSITIONS
ADDRESSEE: THE IDENTIFICATION,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/822,011
FILING DATE: 01/16/92
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1 (converted to ASCII-DOS)
CURRENT APPLICATION DATA:
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                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                           420 VPGFEECEDAV 430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 19920 CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: PARKER, DAVID L. REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 512-474-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER:
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                                     ADDRESSEE:
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                               CHARACTERIZATION AND
FARNESYLTRANSFERASE
                 INHIBITION OF
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81.8%;
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                                                                                                                    BROWN, MICHAEL S.
GOLDSTEIN, JOSEPH L.
                                                                                                   REISS, YUVAL
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Pred. No.
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                                                                                   JAMES C
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                    Description US/07935087 Patent No. 6083917
                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                             TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                           APPLICANT:
SOFTWARE: WORDPERFECT 5.1 (converted CURRENT APPLICATION DATA:
                                            COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATII
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LENGTH: 437 amino acid residues
TYPE: amino acid
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REFERENCE/DOCKET NUMBER: UTED377PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512-320-7200
TELEFAX: 512-474-7577
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: PC
FILING DATE: AUGUST 24
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MEDIUM TYPE: FLOPPY DISK/ASKII
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PRIOR APPLICATION DATA:
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          COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFFORE
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                                                                                               COUNTRY: US
ZIP: 77210
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TOPOLOGY: lin
                                                                                                                                                                            ADDRESSEE: ARNOLD
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                                                                                                                              HOUSTON
TEXAS
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                                                                                                                                                           E: ARNOLD, WHITE & DURKEE P.O. BOX 4433
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                                                                                                                                                                                                                                                                                                               REISS, YUVAL
                                                                                                                                                                                                                                                                                                                              GOLDSTEIN,
                                                                                                                                                                                                                                                                                                                                              BROWN, MICHAEL S
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24 AUGUST 1992 (24.08.92)
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                                                                                                                                                                                                                                            CHARACTERIZATION,
AND INHIBITION OF FARNESYL
                                                                                                                                                                                                                                                                             METHODS AND COMPOSITIONS FOR THE IDENTIFICATION,
                                                                                                                                                                                                                                PROTEIN TRANSFERASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          66.2%;
81.8%;
                                                                                                                                                                                                                                                                                                                              JOSEPH L.
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Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
             to ASCII-DOS
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 9,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                      TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 9:
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SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acid residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: b,
STREET: b,
STREET: b,
STREET: b,
STREET: c,

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COMPOTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Merberg, David
APPLICANT: Treacy, Maurice
APPLICANT: Spaulding, Vikki
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
TITLE OF INVENTION: ENCODING THEM
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APPLICANT:
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REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512-320-7200
SEQUENCE CHARACTERISTICS:
LENGTH: 229 amino acid
                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/07/822,011
FILING DATE: 01/16/92
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
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LaVallie, Edward
Racie, Lisa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Genetics Institute, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19920824
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81.8%;
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Pred. No.
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Query Match
Best Local Similarity
Matches 6; Conserv.
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-702-344-9
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US-08-836-075A-18
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                                                                                                                                  US-08-836-075A-18
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Best Local Similarity bu...
--hes 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOETWARE: Microsoft Word 6.0 / ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/836,075A
FILING DATE: 21 Apr 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP95/04155
FILING DATE: 23 Oct 1995
                                                                                                                                                                                                                          APPLICATION NUMBER: EP 95870076.7
FILING DATE: 28 Jun 1995
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:004
INFORMATION FOR SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                  LENGTH: 319 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: EP 94870166.9 FILING DATE: 21 Oct 1994 PRIOR APPLICATION DATA:
                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 23 Oct PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: TITLE OF INVENTION:
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223 VPGCVPCERS 232
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ZIP: 77210-4433
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                            1 VPGAEECERA 10
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                                                           Conservative
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                                                                         Score 34;
Pred. No. 1
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                                                           Mismatches
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RESULT

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Patent No.

7, Application US/08227108 5807726

GENERAL INFORMATION:

APPLICANT:

Blanchard, Claire Benicourt, Claude Junien, Jean-Louis

ITLE OF INVENTION:

Recombinant Dog Gastric Lipase

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; Sequence 17, Appli

; Patent No. 5998189
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/O
FILING DATE: 03-APR-1994
CLASSIFICATION: 435
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                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
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TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
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NAME: Fanucci, Allan A.
REGISTRATION NUMBER: 30,256
REFERENCE/DOCKET NUMBER: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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                                                                                                                                                                                  APPLICANT: Blanchard, Claire APPLICANT: Benicourt, Claude APPLICANT: Junien, Jean-Louis TITLE OF INVENTION: Recombinar NUMBER OF SEQUENCES: 21
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CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                  COUNTRY:
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                                                                                : Ann Arbor
E: Michigan
TRY: U.S.A.
                                                                  48105
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                                                                                                                                  2800 Plymouth Road
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PC-DOS/MS-DOS
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Pred. No. 1.7e+02;
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; MOLECULE TYPE:
US-09-073-674-17
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Best Local Similarity 54.
Matches 6; Conservative
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                                                                  TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                  REFERENCE/DOCKET NUMBER: 48
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
                                                                                                                                                                                      FILING DATE: 09-JUN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                        SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 09-JUN-199
                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 734 622-7530
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ATTORNEY/AGENT INFORMATION:
NAME: Crissey, Todd M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Jones, Aubrey APPLICANT: Cherry, Joel R.
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               TOPOLOGY:
                          STRANDEDNESS:
                                                                                                                                                               REGISTRATION NUMBER:
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                                                         LENGTH:
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and Nucleic Acids Encoding Same
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Pred. No. 1
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Query Match
Best Local Similarity
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Best Local Similarity
6; Conserv
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                                                                                                                 RESULT 13
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                                                                 Sequence 20, Application US/08867941 Patent No. 5977337
                                                               Patent No.
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                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/871
FILING DATE: 9-JUN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: ROZEK, CATOL E.
REGISTRATION NUMBER: 36,993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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ADDRESSEE: No. 6100057o No. 6100057disk Of No. 6100057th America,
STREET: 405 Lexington Avenue - 64th F1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 47
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-878-9652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                  APPLICANT:
                               APPLICANT:
                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: No. 6100057e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Cherry, Joel R.
APPLICANT: Jones, Aubrey
IITLE OF INVENTION: A Method for Increasing Hemopro
                                                                                                                                                               74 EECEAAVV 81
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Du, Run-Pan
Wang, Quijun
                              Loosmore, Sheena M
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                           Length 424;
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Best Local Similarity
Thas 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: US-08-867-941-20
                                                                                                                                                                                                                                                                                                                                                                               Fatent No.
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 20,
                                        ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, W
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: PatentIn Release #
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA NUMBER OF SEQUENCES: 67
                                                                                                                                                                                                                                                                    FITLE OF INVENTION:
                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 6th F. CITY: Toronto
              APPLICATION NUMBER: US/09/074,658 FILING DATE: 08-MAY-1998
                                                                                                                                                        COUNTRY:
                                                                                                                                                                          STATE:
                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          '4 AEECERAVI 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 03-JU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:
CLASSIFICATION:
                                                                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ику: Canada
M5G 1R7
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                                                                                                                                                                                         Toronto
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                                                                                                                                                                                                                                                                                                                                                                                            Application US/09074658
                                                                                                                                                                                                      6th Floor, 330 University Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             753 amino acids
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Klein, Michel
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77.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 34;
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                                                            Version #1.30
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: LENGTH: 985 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
US-08-867-941-13
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Query Match
Best Local Similarity //..
Thes 7; Conservative
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Matches
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SEQUENCE CHARACTERISTICS:
LENGTH: 753 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/08867941 Patent No. 5977337 GENERAL IMPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                       TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.u, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,941
FILING DATE: 03-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: CONTO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 AEECERAVI 12
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Yang, Yan-Ping
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                                        50.0%;
77.8%;
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                     Score 34; DB 2; Length 985; Pred. No. 4.8e+02; O; Mismatches 2; Indels
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Search completed: May 23, 2001, 15:56:32 Job time: 165 sec

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Minimum DB
Maximum DB
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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1: /cgn2_6/ptodata/2,
2: /cgn2_6/ptodata/2,
3: /cgn2_6/ptodata/2,
4: /cgn2_6/ptodata/2,
5: /cgn2_6/ptodata/2,
6: /cgn2_6/ptodata/2,
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length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                             Query
Match
      US-09-518-931-2_COPY_185_194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             May 23, 2001, 15:56:31; Search time 109.73 Seconds (without alignments) 1.751 Million cell updates/sec
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/cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
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/cgn2_6/ptodata/2/1aa/FCTUS_COMB.pep:*
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   US-08-794-796-2
US-08-219-237B-7
US-09-042-785A-10
US-09-042-785A-10
US-08-111-928-8
US-08-111-928-8
US-09-173-891-8
PCT-US96-12374-2
US-08-974-022-6
US-09-042-785A-12
US-09-123-708-6
US-09-123-708-7
US-08-974-022-4
US-08-974-022-4
US-08-974-022-4
US-08-982-584-5
US-08-974-022-4
US-08-974-022-4
US-08-974-022-4
US-08-974-022-4
US-08-974-022-4
US-08-974-022-4
US-09-042-785A-11
US-09-042-785A-11
US-09-042-785A-7
US-08-726-012B-2
US-08-726-012B-2
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Sequence 2, Appli
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Sequence 15, Appli
Sequence 21, Appli
Sequence 31, Appli
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   Query Match
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Result No.

100.0%;

Score 55;

DB <u>ب</u>

Length 300;

NAME: HAN, WILLIAM T REGISTRATION UNDBER: 34,344 REFERENCE/DOCKET NUMBER: GH5000 TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219 TELEFAX: 610-270-4026 TELEX: INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 300 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein US-08-794-796-2	COUNTRY: PA COUNTRY: USA ZIP: 19406 COMPUTER READABLE FORM: MEDLUM TYPE: Diskette COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FastSeQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION UNBER: US/08/794,796 FILING DATE: 04-FEB-1997 CLASSIFICATION 514 PRIOR APPLICATION DATA: APPLICATION UNBER: FILING DATE: FILING DATE: FILING DATE: FILING DATE: ATTORNEY/AGENT INFORMATION:	O. 5885800 INFORMATION: CANT: Emery, John CANT: Trunch, Alem CANT: Trunch, Alem CANT: TVUNG, Peter OF INVENTION: Tumor Necr OF INVENTION: TR4 R OF SEQUENCES: 2 SPONDENCE ADDRESS: RESSEE: SmithKline Beecha EET: 709 Swedeland Road Y: King of Prussia	g	28 32 58.2 348 4 US-09-248-528-7 29 32 58.2 401 6 525256-1 30 31 56.4 18 US-08-847-844A-50 31 31 56.4 39 1 US-08-050-3198-34 32 31 56.4 39 2 US-08-050-3198-34 34 31 56.4 43 2 US-08-050-982-94 35 31 56.4 163 2 US-08-29-278-5 36 31 56.4 163 2 US-08-219-278-5 37 31 56.4 163 2 US-08-219-278-5 38 31 56.4 163 2 US-08-219-278-5 39 31 56.4 163 2 US-08-219-278-5 39 31 56.4 163 2 US-08-219-29-2 40 31 56.4 461 1 US-08-85-229-2 41 31 56.4 461 1 US-08-85-229-2 42 31 56.4 461 6 5395760-2 43 31 56.4 461 1 US-08-385-229-2 44 31 56.4 461 6 5395760-2 45 31 56.4 548 1 US-08-23-010-1 46 31 56.4 548 1 US-08-23-010-1 47 31 56.4 548 1 US-08-385-229-2 48 31 56.4 548 1 US-08-23-010-1 49 31 56.4 548 1 US-08-38-23-94 55 31 56.4 543 3 US-09-199-229-2
				Sequence 7, Appli Sequence 41, Appl Sequence 41, Appl Sequence 41, Appl Sequence 34, Appl Sequence 34, Appl Sequence 72, Appli Sequence 9, Appli Sequence 9, Appli Sequence 2, Appli

Pred.

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US-08-219-237B-7
                                                                                                                                                                                                                                                                                                                                                                                              JS-08-219-237B-7
                                                                                                                                    Sequence 10, Application US/09042785A Patent No. 6194151
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
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                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
NFORMATION FOR SEQ ID NO: 7:
                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: James W. Hellwege
REGISTRATION NUMBER: 28,808
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          185 GSSSHDTLCT 194
                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
TYPE: a
                                                                                                                                                                                                                                          71 GISETDTICT 80
                                                                                                                                                                                                                                                                                                            Local Similarity
nes 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 07/872,129 FILING DATE: 22-APR-1992 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 21 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0 FILING DATE: 28-MAR-1994 CLASSIFICATION: 435
      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                    ADDRESSEE:
                                                                                                                                                                                                                                                                         1 GSSSHDTLCT 10
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:: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                          amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08219237B
E: LAHIVE & COCKFIELD, LLP
28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                E: James W. Hellwege
P.O. Box 2266 Eads Station
                                                                                  Busfield, Samantha J
WENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      YONEHARA, Shin
WENTION: DNA Coding for Human Cell Surface Antigen
                                                                                                                                                                                                                                                                                                                                                                                                                                                            162 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
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                                                       AND USES THEREFOR 31
                                                                                                                                                                                                                                                                                                                            65.5%;
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                                                                                                                                                                                                                                                                                                            Mismatches
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Mismatches 0;
                                                                                                                                                                                                                                                                                                                                          Length 162;
                                                                                                                                                                                                                                                                                                            Indels
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Best Local Similarity
6; Conserv
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CORRESPONDENCE ADDRESS:
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                                              SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                  APPLICANT: Fu, Jenny
TITLE OF INVENTION: No. 5596071el Bacillus thuringiensis Toxins Active
TITLE OF INVENTION: Against Hymenopteran Pests
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/O FILING DATE: 17-MAR-1998 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
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                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                           COUNTRY:
                                                                                                                                                                               STATE:
                                                                                                                                                                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 277 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Mandragouras, Amy E REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
CLASSIFICATION:
                               APPLICATION NUMBER:
                                                                                                                                                                                                                            ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GSSSHDTLCT 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GTSETDTICT 104
                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION:
                                                                                                                                           32606
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                                                                                                                                                                                         : 2421 N.W. 41st Street, Suite A-1 Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08158232
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                                                                                                                                                             USA
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Schnepf, H. Ernest
Schwab, George E.
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                                                                                                                                                                                                                                                                                                                                                                   Uick, Heidi Jane
                                                                                                                                                                                                                                                                                                                                                                                  Meier,
                                                                                                                                                                                                                                                                                                                                                                                               Kennedy, M. Keith
Randall, John Brooks
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                                                                                                                                                                                                                          David R. Saliwanchik
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     peptide internal
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                               US/08/158,232
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Pred. No. 29;
2; Mismatches
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                                                             Version #1.25
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29;
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RIOR APPLICATION DATA:

APPLICATION NUMBER:

US 07/887,980

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US-08-304-626-8
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Best Local Similarity //...
Thes 7; Conservative
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Patent No. 5616495
                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
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REFERENCE/DOCKET NUMBER: M/
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEFAX: 904-372-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/797,645
FILING DATE: 25-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/703,977
FILING DATE: 22-MAY-1991
                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
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LENGTH: 1245 amino acids
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                                                                                                                                                                                                                                TITLE OF INVENTION: Active Against Hymer TITLE OF INVENTION: Hymenopteran-Active
                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                  FITLE OF INVENTION:
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STRANDEDNESS: si
TOPOLOGY: linear
                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 SSSHDTLCT 10
APPLICATION DATA:
                                                                                                  32606
                                                                                                                                                 Gainesville
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                                                                                                                                                                                                                                                                              Meler, Henry
Uick, Heidi Jane
Foncerrada, Luis
Schnepf, Harry E.
Schwab, George E.
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                                                                                                                USA
                                                                                                                                                                                                                                                                                                                                                                  Payne, Jewel M.
Kennedy, M. Keith
Randall, John Brooks
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linear
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Pred. No.
              Version #1.25
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Best Local Similarity
Matches 7; Conserv
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INFORMATION FOR SEQ ID NO:
       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/611,928
FILING DATE: 06-WAR-1996
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL: YES
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: BACILLUS THURINGIENSIS
INDIVIDUAL ISOLATE: PS86Q3
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LENGTH: 1245 amino acids
                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                              TITLE OF INVENTION: No. 5824792el Bacillus thuringiensis Toxins Active TITLE OF INVENTION: Against Hymenopteran Pests
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                                                                                                                                                                      CITY: Gainesville
STATE: FL
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CLONE: 86Q3A
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                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Saliwanchik, David R. REGISTRATION NUMBER: 31,794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
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2421 N.W. 41st Street, Suite A-1
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Foncerrada, Luis
Schnepf, H. Ernest
Schwab, George E.
                                                                                                                                                         USA
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Randall, John Brooks
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US/08/611,928
06-MAR-1996
ON: 530
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YES
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77.8%;
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Pred. No. 1.
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APPLICATION NUMBER: FILING DATE: 22-MP

22-MAY-1992

APPLICATION NUMBER:

25-NOV-1991

US 07/797,645

APPLICATION NUMBER: FILING DATE: 24-NO

24-NOV-1993

US 08/158,232 US 07/887,980

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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                             Sequence 8,
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                                                                                                                                                                                                                                                                                                ENERAL INFORMATION:
APPLICANT: Payne, Jewel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NEFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS:
                                                                                                                   TITLE OF INVENTION: No. 6077937el Bacillus thus TITLE OF INVENTION: Against Hymenopteran Pests NUMBER OF SEQUENCES: 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: pro
HYPOTHETICAL: YES
ANTI-SENSE: NO
COMPUTER READABLE FORM:
                                                                                                         CORRESPONDENCE ADDRESS:
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LIBRARY: LAMBD
CLONE: 86Q3A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORIGINAL SOURCE:
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APPLICATION NUMBER: US 07/703,977
                                                                                                                                                                        APPLICANT:
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      COUNTRY: US.
                                                                                                                                                                                                                                                                                                                                                                                                                        773 SSEHDTLAT 781
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: BACILLUS THURINGIENSIS INDIVIDUAL ISOLATE: PS86Q3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Saliwanchik, David R. REGISTRATION NUMBER: 31,794
                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 SSSHDTLCT 10
                                                                                                                                                                                                                                                                                                                               No.
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                                                           Gainesville
                                                                                                                                                                                                                                                                                                                                          Application US/09173891
                                                                       E: David R. Saliwanchik
2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1245 amino acids
                              USA
                                                                                                                                                                                  Foncerrada, Luis
Schnepf, H. Ernest
Schwab, George E.
                                                                                                                                                                     Fu, Jenny
                                                                                                                                                                                                                               Meier, Henry
Uick, Heidi Jane
                                                                                                                                                                                                                                                                 Kennedy, M. Keith
Randall, John Brooks
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                                                                                                                                                     No. 6077937el Bacillus thuringiensis Toxins Active
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77.8%;
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ER: M/
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Pred. No. 1
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RESULT 8
PCT-US96-12374-2
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HYPOTHETICAL: Y
ANTI-SENSE: NO
                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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LIBRARY: LAMBE
CLONE: 86Q3A
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION
TELEPHONE: 904-375-8100
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ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                             APPLICANT: Northwestern University
TITLE OF INVENTION: Herpes Virus Entry Mediator
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 25-NOV-PRIOR APPLICATION DATA: APPLICATION NUMBER:
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OTTY: Chicago
TTY: Tilinoi
                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                     773 SSEHDTLAT 781
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                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/887,980 FILING DATE: 22-MAY-1992
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                                                                                                       60601
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                                                                                                                    Illinois
(: U.S.A.
                                                                                                                                                                    E: Dressler, Goldsmith, Milnamow & Katz, Ltd. 180 N. Stetson, Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1245 amino acids
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YES
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Pred. No. 1.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 1245;
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ATTORNEY/AGENT INFORMATION: NAME: Northrup, Thomas E

Thomas E.

CLASSIFICATION: FILING DATE: APPLICATION NUMBER:

PCT/US96/12374

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; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-974-022-6
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Matches
Query Match
Best Local Similarity
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                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NÜMBER: 33,268
REFERENCE/DOCKET NUMBER: NOR3446P020PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 616-5400
                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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LENGTH: 283 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: OSTEOPROTEGERIN NUMBER OF SEQUENCES: 53
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154 GTESQDTLC 162
                                                                                                                                                         NAME: Winter, Robert B. REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Thousand Oaks
STATE: California
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nes 6; Conserv
                                                                                                                  LENGTH:
                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/974,022 FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
TOPOLOGY: linear
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                                                                                                  amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08974022
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1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Lacey, David L.
Calzone, Frank J.
Chang, Ming-Shi
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66.7%;
 63.6%;
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Pred.
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Pred. No.
   No.
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63;
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US-09-042-785A-12
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                                                                                                            Patent No.
                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 4; Conserv
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                                                                                                                         Sequence 2,
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                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 08/938,896 FILING DATE: 26-SEP-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
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NUMBER OF SEQUENCES:
                  TITLE OF INVENTION:
                                                                                                                                                                                                    177 GNATHDNICS 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/042,785A FILING DATE: 17-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
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                                                                                                                         Application US/07908245
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                                             Murphy, T.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Busfield, Samantha J
VENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
                                                          Alexander, R. Wayne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (617)742-4214
              Nishida, Ken'ichi
/ENTION: Endothelial Nitric Oxide Synthase
                                                                                                                                                                                                                                                                  Conservative
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                                                                            Harrison, David G.
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  IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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MOLECULE IN HYPOTHETICAL: NO TERMINAL NO TERMINAL
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NAME/KEY:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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ORGANISM: Bovine
                                                         FEATURE:
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LENGTH: 1205 amino aci
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 404-815-6508
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NAME: Pabst, Patrea L.
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                            NAME/KEY:
LOCATION:
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OTHER INFORMATION: /r
OTHER INFORMATION: do
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LOCATION:
LOCATION: 46..47
OTHER INFORMATION:
OTHER INFORMATION:
                                                                     LOCATION: 33..34
OTHER INFORMATION:
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LOCATION:
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OTHER INFORMATION: /no1
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                                                                                                                 NAME/KEY:
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OTHER INFORMATION:
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REGISTRATION NUMBER: 31,284
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC-DOS/MS-DOS
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496..512
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binding domain"
/note= "Potential proline directed
phosphorylation site"
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phosphorylation site"
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FEATURE
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LOCATION: 838..839
OTHER INFORMATION: OTHER INFORMATION:
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LOCATION: 472..473
OTHER INFORMATION: OTHER INFORMATION: 1
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LOCATION: 116..117
OTHER INFORMATION: OTHER INFORMATION:
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LOCATION:
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LOCATION: 1085..1086
OTHER INFORMATION: //
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114..116
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1202..1203
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OTHER INFORMATION: OTHER INFORMATION:

/note= "cAMP dependent
phosphorylation site"

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RESULT 12
US-08-319-866-10
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Best Local Similarity bu...
Change 6; Conservative
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Patent No. 5929223
                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                           APPLICANT: Yin, Jerry C.
APPLICANT: Regulski, Michael
TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF GENES
TITLE OF INVENTION: ASSOCIATED WITH LONG-TERM MEMORY
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                             APPLICANT: Tully, APPLICANT: Yin, J. APPLICANT: Reguls
            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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LOCATION: 836..838
OTHER INFORMATION: COTHER INFORMATION: P
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LOCATION: 633..635
OTHER INFORMATION: OTHER INFORMATION: I
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LOCATION: 141..143
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LOCATION:
                                              APPLICATION NUMBER: US/
FILING DATE: 7-OCT-1994
                                                                                                                                                                                                                                  CITY: Lexington
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APPLICATION NUMBER:
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Two Militia Drive
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168..170
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phosphorylation site"
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phosphorylation site"
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phosphorylation site"
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Pred. No.
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2e+02;
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APPLICANT: SCHRADER, Juergen
APPLICANT: GOEDECKE, Axel
APPLICANT: GOEDECKE, Axel
TITLE OF INVENTION: DAA EXPRESSION VECTORS FOR USE IN GEN
TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS
FILE REFERENCE: 51169-2003
CURRENT APPLICATION NUMBER: US/09/123,708
CURRENT FILING DATE: 1998-07-28
EARLIER FILING DATE: 1996-03-01
EARLIER FILING DATE: 1996-03-01
EARLIER FILING DATE: 1996-03-31
EARLIER FILING DATE: 1996-03-31
Patent No. NA.---
GENERAL INFORMATION:
GENERAL INFORMATION:
GAPPLICANT: SCHRADER; Jurgen
APPLICANT: SCHEADER; Axel
APPLICANT: GODECKE, Axel
TITLE OF INVENTION: DNA EXPRESSION VECTORS FOR USE IN THE GENE THERAPEUTIC
TITLE OF INVENTION: TREATMENT OF VASCULAR DISORDERS
FILE REFERENCE: 511169-2004
CURRENT APPLICATION NUMBER: US/09/123,624
                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Cytomegalovirus US-09-123-708-6
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SEQ ID NO 6
LENGTH: 1205
TYPE: PRT
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Best Local S
Matches 6
                                                                                                                                                                         Sequence 6, Application US/09123624 Patent No. 6149936
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Best Local Similarity
Matches 6; Conser
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,
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nes 6; Conser
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TOPOLOGY: li
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PRIOR APPLICATION NUMBER: 08/553,503
PRIOR FILING DATE: 1996-03-01
PRIOR APPLICATION NUMBER: 4411402.8
PRIOR FILING DATE: 1994-03-31

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SEQ ID NO 6; LENGTH: 1205; TYPE: PRT
ORGANISM: Bos taurus
US-09-123-624-6
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                                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-974-022-2
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                                                         Query Match
Best Local Similarity
Matches 4; Conserv
                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
PRIOR APPLICATION UMBER: 08/577
APPLICATION UMBER: 08/577
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
REPERENCE/DOCKET UMBER: A
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/08974022 Patent No. 6015938
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Best Local Similarity 66.7
Matches 6; Conservative
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SOFTWARE: PatentIn Ve
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chang, Nation:
177 GNATHDNVCS 186
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STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
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79 GSITYDTLC 87
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Lacey, David L.
Calzone, Frank J.
Chang, Ming-Shi
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Pred. No. 2e+02;
2; Mismatches
                                                                         Score 34; DB 3; Pred. No. 95;
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Search completed: May 23, 2001, 15:56:31 Job time: 164 sec

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Result
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3: /cgn2_6/ptodata/2,
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Copyright (c) 1993 - 2000 Compugen
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US-08-794-796-2
US-08-974-022-2
US-08-974-022-6
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US-09-042-785A-13
US-09-042-785A-12
US-08-219-237B-5
US-08-232-087A-9
US-08-232-087A-9
US-08-650-000-2
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US-08-950-000-1
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US-08-996-139-4
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	<u> </u>		
INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 300 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein US-08-794-796-2	SOFTMARE: FASTEN LOS SOFTMARE: FASTEN LOS CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/794,796 FILING DATE: 04-FEB-1997 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: APPLICATION NUMBER: APTORNEY/AGENT INFORMATION: NAME: Han, William T REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: GH50000 TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219 TELEFAX: 610-270-4026	UULT 1 08-794-796-2 08-794-796-2 08-794-796-2 08-794-796-2 APPLICANT: EMERY, JOAPPLICANT: Tan, KB APPLICANT: TYUNEH, A APPLICANT: TYUNEH, P APPLICANT: YOUNG, PE TITLE OF INVENTION: TITLE	28 97 38.2 625 3 US-08-996-139-15 29 94.5 37.2 197 2 US-08-505-606-1 30 93 36.6 253 4 US-09-042-785A-4 31 93 36.6 277 2 US-08-147-784-2 33 93 36.6 655 4 US-09-042-785A-23 34 90 35.4 228 4 US-09-042-378-8 35 90 35.4 224 1 US-08-911-423-4 36 90 35.4 241 4 US-08-911-423-8 37 89 35.0 139 2 US-08-911-423-8 40 87.5 34.4 159 2 US-08-219-2378-6 40 87.5 34.4 159 2 US-08-219-2378-6 41 87 34.3 1186 1 US-08-974-022-50 42 86.5 34.1 159 2 US-08-974-023-60 43 86 33.9 206 1 US-08-097-827-7 44 86 33.9 206 1 US-08-097-827-11 45 86 33.9 438 1 US-08-097-827-11
			Sequence 15, App. Sequence 2, App. Sequence 2, App. Sequence 2, App. Sequence 2, App. Sequence 4, App. Sequence 4, App. Sequence 6, App. Sequence 6, App. Sequence 51, App. Sequence 50, App. Sequence 6, App. Sequence 7, App. Sequence 7, App. Sequence 11, App. Sequence 7, App.

Query Match

100.0%;

Score 254;

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US-08-974-022-4
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US-08-974-022-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
FILING DATE: 12-DEC-1995
                                                APPLICANT: Chang, Ming
TITLE OF INVENTION: OS:
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: protein
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                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     124 CPPGLGVLQAGTPERNTVCKRCPDGFFSGETSSKAPCRKHTNCS 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Thousand Oaks
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 CPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSSEQCQPHRNCT 44
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1840 Dehavilland Drive
                                                                                                          Calzone, Frank J.
Chang, Ming-Shi
VENTION: OSTEOPROTEGERIN
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Lacey, David L.
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Calzone, Frank J.
Chang, Ming-Shi
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Amgen Inc.
40 Dehavilland Drive
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Pred. No. 1.5e-07;
6; Mismatches 15;
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Patent No. 6
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/042,785A
                                                                                                                                                                                                                    APPLICATION NUMBER: US 0 FILING DATE: 26-SEP-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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MEDIUM TYPE: Floppy disk
                                                                                                             REFERENCE/DOCKET NUMBER: MITTELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                        FILING DATE: 17-MAR-PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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                                                                                                                                                                 NAME: Mandragouras, Amy E REGISTRATION NUMBER: 36,2
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ZIP: 91320-1789
                                                         TELEFAX:
                                                                                   TELEPHONE:
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    Application US/09042785A
6194151

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                                                         (617)742-4214
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VENTION: NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
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                                                                                   (617)227-7400
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Pred. No. 1.5e-07;
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Length 401; Indels

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US-09-042-785A-12

; Sequence 12, Application US/09042785A

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; TOPOLOGY: linear
; MOLECULE TYPE: prot
US-08-974-022-6
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US-08-974-022-6
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                                                                                                                                                              Matches
                                                                                                                                                                         Query Match
Best Local Similarity
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Best Local 9
GENERAL INFORMATION:
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MOLECULE TYPE:
FRAGMENT TYPE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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                                                                                                     124
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                                                                                                                     1 CPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSEQCQPHRNCT 44
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                                                                                                    CPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCS 167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 91320-1789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SSEE: Amgen Inc.
r: 1840 Dehavilland Drive
Thousand Oaks
                                                                                                                                                                                                                                                                                                                                                       Winter, Robert B.
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                                                                                                                                                                                                                                                                                             401 amino acids
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Chang, Ming-Shi
                                                                                                                                                              Conservative
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Lacey, David L.
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52.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                  08/577,788
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                                                                                                                                                                           Score 140;
Pred. No. 2.
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Pred. No. 1.5e-07;
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                                                                                                                                                                           DB 3;
.5e-07;
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Best Local Similarity
                                                                            COUNTRY:
ZIP: 22202
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Flo
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: ITOH, Naoto
APPLICANT: YONEHARA, Shin
TITLE OF INVENTION: DNA Coding for Human Cell Surface Antigen
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Busfield, TITLE OF INVENTION: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 17-MAR-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               124 CPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCS
                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: James W. Hellwege STREET: P.O. Box 2266 Eads Station CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
                                                                                                                                                                                                                                                                                                                                                     STATE:
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FILING DATE: 17-MAR-1998
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APPLICATION NUMBER: US/0
FILING DATE: 28-MAR-1994
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5, 5874546
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(77)742-4214
(77)710 NO: 12:
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                                    US/08/219, 237B
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CLASSIFICATION:

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Patent No. 586637
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                       NFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
                                           HYPOTHETICAL: FRAGMENT TYPE:
                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                              FEATURE:
                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: D rkop, Horst
APPLICANT: Latza, Ute
TITLE OF INVENTION: Lymphoid CD30-Antigen
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 205-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                      STRANDEDNESS:
                                                                                                                        TYPE: amino acid
                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
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             NAME/KEY:
                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
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                                                                                         POPOLOGY:
                                                                                                                                     ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Falls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                22042
                                                                                                                                                                                                                                                                              Murphy Jr., Gerald M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Virginia
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                                                                                                                                        164 amino acids
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                                                                                                                                                                                                     (703) 205-8050
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Protein 1..164
                                                                                         linear
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                                                                                                                                                                                                                                                                                                                               08-SEP-1994
                                             internal
                                                                          protein
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                                                                                                         not relevant
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51.2%;
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Pred. No. 2.5e-07;
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US-08-385-229-2
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US-08-974-022-48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: /note= "TNFR2, see Fig. US-08-232-087A-9
                                                                                                                                                                                                                                                                                           US-08-974-022-48
                                                                                                                                                                                                                 Best Loc
Matches
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Best Local Similarity 51.2
Matches 22; Conservative
                                             Patent No. 5605690 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 48,
                                                                           Sequence 2,
                                                                                                                                                                                                                                              Query Match
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APPLICANT: Chang, Mir
TITLE OF INVENTION: C
NUMBER OF SEQUENCES:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Rel
APPLICANT: Jacobs, Cindy A.
APPLICANT: Smith, Craig A.
TITLE OF INVENTION: Method of Treating TNF-Dependent
                            APPLICANT:
                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                     143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQIC 185
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                                                                                                                                                                                                                 Local Similarity 51.:
nes 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 1840 Dehavil
CITY: Thousand Oaks
STATE: California
                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                  1 CPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSEQCQPHRNC 43
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                                                                             Application_US/08385229
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                                                                                                                                                                                                                                                                                                                                                                       227 amino acids
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Chang, Ming-Shi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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Lacey, David L.
                                                                                                                                                                                                                                                                                                                            linear
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pred. No. 3.5

mismatches
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Pred. No. 2.5e-07
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                                                                                                                                                                                                                               136; DB 3;
No. 3.5e-07;
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Best Local :
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/385,229
FILING DATE:
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NAME: Wight, Christopher L.
REGISTRATION UNMBER: 31,680
REFERENCE/DOCKET NUMBER: 2503
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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APPLICANT:
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APPLICATION NUMBER:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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                                                                                                                                                                                         STREET: Seattle
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STREET: J.
Seattle
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                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                         TITLE OF INVENTION
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                                                                                                                                                                                                                                                                                                      PPLICANT:
                                              APPLICATION NUMBER:
                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                       ADDRESSEE:
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                                                                                                                                                                                                                                                                       Beckmann, M. Patriciu
VENTION: Tumor Necrosis Factor Receptors
                                                                                                                                                                        U.S.A.
                                                                                                                                                                                                                                                                                                                   Goodwin, Raymond G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (206)
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                                                                                                                                                                                                                                                                                                                                    Smith, Craig A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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587-0606
7 NO: 2:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          53.5%; Score 136; 51.2%; Pred. No. 7
                                                                            Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Release #1.0, Version
                                               us/08/650,000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 461;
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                                                                               #1.25
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US-09-042-785A-7
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Best Local S
Matches 22
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ZIP: 02109

EIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

MEDIUM TYPE: Floppy disk

COMPOTER: IBM PC compatible

COMPOTER: PC-DOS/MS-DOS

COMPOTER: PC-DOS/MS-DOS
                                                         APPLICATION NUMBER: US/09/042,785A
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: MANDRAY AGENT INFORMATION: MANDRAY AGENT INFORMATION:
NAME: MANDRAY AGENT INFORMATION: MANDRAY AGENT INFORMATION: MANDRAY AGENT INFORMATION: MANDRAY AGENT INFORMATION: MANDRAY AGENT INFO
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF
TITLE OF INVENTION: AND USES THEREFOI
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Rel-
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Cli.
STATE: N.
COUNTRY: USA
COUNTRY: 02109
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PRIOR APPLICATION NUMBER: US 421,417
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 CPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSSEQCQPHRNC 43
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22; Conserv
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                                                                                                                                                                                                                                                                                                                                                                               Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US 523,635
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Pred. No. 7.3e-07;
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5395760-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO:2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 5395760
                                                                                                                                                                                                                                                    Sequence 1, Application US/08243010 Patent No. 5639597
                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                 APPLICANT: Zettlmeis
APPLICANT: Oquendo,
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/(
FILING DATE: 10-MAY-1990
PRIOR APPLICATION DATA:
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                    NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: SMITH, CRAIG A.; GOODWIN, RAYMOND G.; BECKMANN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                      143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQIC 185
                                                               ADDRESSEE: Dunner
ADDRESSEE: Dunner
1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity hes 22; Conserv
                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 05-SEP-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 11-SEP-1989 APPLICATION NUMBER: 403,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 CPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSEQCQPHRNC 43
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                                                            D.C
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                                                USA
                                                                                                                                                        Oquendo, Patricia
VENTION: Cell-free Receptor Binding Assays,
VENTION: Production and Use Thereof
                                                                                                                                                                                                           Zettlmeissel, Gerd
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R SEQ ID NO:
                                                                                                                    Finnegan, Henderson,
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pred. No. 7.3e-07;
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Pred. No. 7.3e-07
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                                                                                                                       Farabow, Garrett &
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; MOLECULE TYPE:
US-08-243-010-1
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Best Local S
Matches 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 2503
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430
                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/385,229
                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/798,564
FILING DATE: 26-NOV-1991
APPLICATION NUMBER: DE P 40 37 837.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 28-NOV-1990
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                             STREET: J.
STREET: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        143 CRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICRPHQIC 185
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                                                                                                              FILING DATE:
                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                      OPERATING SYSTEM:
                                                                                                                                                                                                                                                                         COMPUTER:
                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 13-MAY
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                               Washington
                                                                                                                                                                                                                                                                                                                                                                                             51 University Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        486 amino acids
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Smith, Craig A.
TYPNTION: Method of Treating TNF-Dependent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                      IBM PC compatible SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IBM PC compatible SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                     Immunex Corporation
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51.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Inflammation Using Tumor Necrosis Factor Antagonists
                                                                                                                               US/07/946,236
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Pred. No. 7.7e-07;
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Sequence Sequence

2 Appli 32 Appli 2 Appli 2 Appli 5 Appli 5 Appli 6 Appli 6 Appli 7 Appli 7 Appli 8 7 Appli 9 8 A

Sequence Sequence

Sequence Sequence

Sequence Sequence

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Sequence

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A_COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/backfiles1.pep:*
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371
1 FVQRPCRRDSPTTCGPCPPR
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                            Length
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 SUMMARIES
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Compugen Ltd
Sequence 2, Appli
Sequence 7, Appli
Sequence 7, Appli
Patent No. 5395760
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 6, Appli
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Sequence 2, Appli
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Sequence 4, Appli
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Sequence 6, Appli
Sequence 12, Appli
Sequence 4, Appli
Sequence 2, Appli
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Sequence 5, Appli
Sequence 42, Appli
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Sequence 48, Appl
Sequence 2, Appli
Sequence 2, Appli
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US-08-794-796-2

US-08-794-796-2

Sequence 2, Application US/08794796

Patent No. 5885800

GENERAL INFORMATION:
APPLICANT: Emery, John
APPLICANT: Tann, KB
APPLICANT: Trunch, Alem
APPLICANT: Young, Peter
APPLICANT: Young, Peter
TTTLE OF INVENTION: TR4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .
                                          ; MOLECULE TYPE: US-08-794-796-2
                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/794,796
FILING DATE: 04-FEB-1997
CLASSIFICATION DATA:
APPLICATION UMBER:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
APPLICATION WINDER:
APPLICATION WINDER:
AFFORMEY, AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,344
REFERENCE, DOCKET NUMBER: GH50000
    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Tumor Necrosts Re
TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS: 2
ADDRESSEE: Smithkline Beecham Corpo
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406
                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 300 amino acid
TYPE: amino acid
                                                                                                                                                            TELEFORMSUNICATION INFORMATION: TELEPHONE: 610-270-5219
TELEFAX: 610-270-4026
                                                                  STRANDEDNESS:
TOPOLOGY: lin
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US-08-050-319B-32
US-08-465-982-3
US-08-265-12374-2
US-08-219-237B-8
US-08-974-022-51
US-08-983-026A-2
US-08-089-458B-6
US-09-042-785A-2
US-08-959-382-2
US-08-959-382-2
US-08-097-827-7
US-08-097-827-7
US-08-097-827-11
US-08-494-574-11
US-08-494-574-11
US-08-219-237B-3
     Score 371;
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Result

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Score

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Query

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103

Length 300;

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length: length:

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Title: Perfect score:

Run on:

protein -

Scoring table: Sequence:

Best Local Similarity

100.0%;

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; MOLECULE TYPE:
US-08-974-022-6
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                                                                                         Sequence 12, Application US/09042785A Patent No. 6194151
                                                                                                                                                                                                                                                                  Query Match
Best Local 9
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                                                                       GENERAL INFORMATION:
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                           APPLICANT: Busfield
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
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MEDIUM TYPE: Floppy disk
CORRESPONDENCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 12-DE
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             OF SEQUENCES:
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Thousand Oaks
California
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Calzone, Frank J.
Chang, Ming-Shi
                                                          Busfield,
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ADDRESS:
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12-DEC-1995
                             AND USES THEREFOR
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35.0%;
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                                       , Samantha J
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Pred. No. 1.7e-08;
3; Mismatches 26;
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; Mismatches 0;
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RESULT 4
US-08-974-022-4
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; FRAGMENT TYPE:
US-09-042-785A-12
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Best Local Similarity
Matches 21; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6015938
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4, Application US/08974022
                                                                           ZIP: 91320-1789

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS,MS-DOS

SOFTWARE: Patentin Release #1.0, VG

CURRENT APPLICATION DATA:
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INFORMATION FOR
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STATE: California
               PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                    CITLE OF INVENTION:
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STREET: LT
STREET:
Massac
                               FILING DATE: 1
CLASSIFICATION:
                                                              APPLICATION NUMBER:
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APPLICATION NUMBER:
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Lacey, David L.
Calzone, Frank J.
Chang, Ming-Shi
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1840 Dehavilland Drive
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  39.6%; Score 147; DB 4; 35.0%; Pred. No. 1.7e-08;
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08/577,788
                                                               US/08/974,022
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                                                                                                  #1.30
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ATTORNEY/AGENT INFORMATION:

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US-09-042-785A-13
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                                                      Query Match
Best Local Similarity 35.b
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: MANDATAGOULES, AMY E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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49 YLKQHCTVRRKTLCVPCPDHSYTDSWHTSDECVYCSPVCKELQSVKQECNRTHNRVCEC 107
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/042,785A
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                                  1 FVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRC 59
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28 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             401 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                37.2%; Score 138; DB 3; 1
35.6%; Pred. No. 1.5e-07;
7ative 11; Mismatches 27;
                                                                                     37.2%;
35.6%;
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                                                                                                                                                                                                                                                                                           13:
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                                                                    Score 138; DB 4; Length 401; Pred. No. 1.5e-07; Indels
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RESULT 7
US-08-219-237B-5
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                                                                                                                                                                                                                                                                     Sequence 5, Patent No.
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Best Local Similarity
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ZIP: 91320-1/0
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TYETEM: PC-DOS/MS-DOS
                                            COMPUTER READABLE FORM
                                                                                                                                                                                                      APPLICANT:
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LENGTH: 401 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                         ITLE OF INVENTION:
                                                                                              CITY: Arlington STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                   49 YLKQHCTVRRKTLCVPCPDYSYTDSWHTSDECVYCSPVCKELQTVKQECNRTHNRVCEC 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/0 FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1840 Dehavilland Drive CITY: Thousand Oaks
                                                                ZIP:
                                                                            COUNTRY:
                                                                                                                            STREET:
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                COMPUTER:
                               MEDIUM TYPE:
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o, 5874546
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                                                                                            Virginia
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                                                                                                                          E: James W. Hellwege
P.O. Box 2266 Eads Station
                                                                             USA
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Calzone, Frank J.
Chang, Ming-Shi
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/ENTION: DNA Coding for Human Cell Surface Antigen
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                               Floppy disk
                                                                                                                                                                                                                                    Shigekazu
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                                                                                                                                                                                                                                                                                                                                                                                                                                               36.4%; Score 135; DB 3; 35.6%; Pred. No. 3.1e-07;
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Best Local Similarity
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NAME: James W. Hellwege
REGISTRATION NUMBER: 28,808
REFERENCE/DOCKET NUMBER: 51
INFORMATION FOR SEQ ID NO: 5:
                                                                                  NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
.NFORMATION FOR SEQ ID NO: '
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/872,129
FILING DATE: 22-APR-1992
CLASSIFICATION: 435
                                                                                                                                      ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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 MOLECULE TYPE:
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                                                    TYPE:
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                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                   TOPOLOGY:
                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                       APPLICATION NUMBER:
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                                                                  ENGTH:
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                                                                                                                                                                                                                                                                                                                                                                             91320-1789
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6015938
                                                  amino acid
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GY: linear
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                                                                120 amino acids
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1840 Dehavilland Drive
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Pred. No. 4.5e-07;
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RESULT 10
US-08-974-022-48
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                                                                                                                                                                                                 ; LOCATION: 1..164
; OTHER INFORMATION:
US-08-232-087A-9
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Best Local Similarity 38.3
Matches 21; Conservative
                                                                                                                        Matches
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                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: MUTPHY JT., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 756-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 08-SEE CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0
                                                              30 CTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCR 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       47 CTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCR 101
                                                                                                                                                                                                                                             NAME/KEY:
                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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                                                                                          6 CRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCR 60
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                                                                                                                        21;
                                                                                                                                                                                                                                                                                                                                                  amino acid
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                                                                                                                                                                                                                                                                                                                                                                164 amino acids
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                                                                                                                         Conservative
                                                                                                                                                                                                                               Protein 1..164
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                                                                                                                                      Score 128; DB 2; Length 164, Pred. No. 7.3e-07;
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Pred. No. 5.4e-07;
5; Mismatches 29
                                                                                                                           Mismatches
                                                                                                                           29;
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Sequence 48, Application US/08974022 Patent No. 6015938

SENERAL INFORMATION:

Boyle, Willaim J. Lacey, David L.

Calzone, Frank Chang, Ming-Shi

Frank J.

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Best Local
                                                                                                                                                                                                                                                                                                                               Sequence 2
Patent No.
                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 48:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                 TITLE OF INVENTION: Method of Treating TITLE OF INVENTION: Inflammation Using NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                   COUNTRY:
ZIP: 981
                                                                                                                                                         STREET: 51 uni
                               SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                67 CTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTCR 121
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    Application US/08385229
    5605690

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                                                                                                                                                 Washington
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1840 Dehavilland Drive
                                                                                                                                                                              51 University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  227 amino acids
                                                                                                                                 U.S.A.
                                                                                                                                                                                                                                                              Jacobs, Cindy A.
Smith, Craig A.
Smith, Craig A.
VENTION: Method of Treating INF-Dependent
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                             PatentIn Release #1.0, Version #1.25
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US/08/385, 229
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                            PRIOR APPLICATION DATA:
                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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REGISTRATION NUMBER: 31,680
REFERENCE/DOCKET NUMBER: 250
TELECOMMUNICATION INFORMATION:
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                                                                                             APPLICATION NUMBER: FILING DATE: 11-SE
                                                                                                                                             APPLICATION NUMBER: US 403,241 FILING DATE: 05-SEP-1989
                                                                                                                                                                                         FILING DATE:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                               FILING DATE:
                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                            CLASSIFICATION: 435
                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY:
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FILING DATE:
               APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6 CRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCR 60
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                                                                                                                                                                                                                                                                                                                                                                                                                         Washington : U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      461 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         51 University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Goodwin, Raymond G.
Beckmann, M. Patricia
VENTION: Tumor Necrosis Factor Receptors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                            UMBER: US 405,370
11-SEP-1989
10-MAY-1990
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                                                             US 421,417
             US 523,635
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Pred. No. 2e-06;
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REFERENCE/DOCKET NUMBER: 25
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 587-0430

REGISTRATION NUMBER:

31,680

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                                                 Matches
                                                                 Query Match
Best Local Similarity
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Best Local Similarity
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INFORMATION FOR SEQ
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                                                                                                                                               MOLECULE TYPE: FRAGMENT TYPE:
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APPLICATION NUMBER: US 01
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION
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                                                                                                                                                                                                                                                                            TELEPHONE:
                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                      NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 17-MAF
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6 CRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCR 60
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amino acid
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                                                                                                                                                                                                                                                                            (617)227-7400
                                                                                                                                                                                              acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Floppy disk
                                                                                                                                               internal
                                                                                                                                                                                                                                                                                                                                                                                                                      17-MAR-1998
                                                                                                                                                             peptide
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26-SEP-1997
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NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY
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                                               Score 128; DB 4
Pred. No. 2e-06;
5; Mismatches
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Pred. No. 2e-06;
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                                                                              DB 4; Length 461;
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Best Local
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                                                       ATTORNEY/AGENT INFORMATION:
NAME: Elnaudi, Carol P.
                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/243,010
FILING DATE: 13-MAY-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 17
                                                                                                                                              FILING DATE: 26-NOV-1991
APPLICATION NUMBER: DE P 40 37 837.3
FILING DATE: 28-NOV-1990
                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 26-NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1300 I St
CITY: Washington
REFERENCE/DOCKET NUMBER:
                                       REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
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APPLICATION NUMBER: 405,370
FILING DATE: 11-SEP-1989
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FILING DATE: 10-MAY-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Dunner
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Pred. No. 2e-06;
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Result
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB
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Perfect score:
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length: 2000000000
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US-08-794-796-2
US-08-188-403-4
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US-09-188-403-4
US-09-281-259-4
US-09-335-409-2
US-08-663-566A-2
US-08-663-566A-2
US-08-663-566A-2
US-08-663-56A-2
US-08-663-56A-2
US-08-663-56A-2
US-08-68-065A-2
US-08-68-065A-2
US-08-440-103-3
US-08-440-103-3
US-08-440-542-3
US-08-440-542-3
US-08-440-210-3
US-08-440-210-3
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US-08-440-542-10
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US-08-794-796-2
 Query Match
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COUNTRY: US
ZIP: 19406
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US-08-440-542-18	US-08-440-103-18	US-08-325-630-11	US-08-325-630-9	US-08-460-806-11	US-08-460-806-9	US-09-335-409-6	US-09-335-409-7	US-09-335-409-4	US-08-878-283-3	US-08-289-699A-3	US-08-878-283-6	US-08-289-699A-6	US-08-996-083-1 .	US-08-974-549A-336	US-08-851-843A-217	US-09-141-206-2	US-08-968-752B-6
	Sequence 18, Appl	Sequence 11, Appl	Sequence 9, Appli	Sequence 11, Appl	Sequence 9, Appli	Sequence 6, Appli	Sequence 7, Appli	Sequence 4, Appli	Sequence 3, Appli	Sequence 3, Appli	Sequence 6, Appli	Sequence 6, Appli	Sequence 1, Appli	Sequence 336, App	Sequence 217, App	Sequence 2, Appli	Sequence 6, Appli

ALIGNMENTS

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Patent No. 5885800
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IEM COMPAtible
COMPUTER: IEM COMPAtible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,796
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
ENTING DATE: O4-FEB-1997
CLASSIFICATION NUMBER:
ENTING DATE: O4-FEB-1997
                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: GH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline
                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Truneh, Alem APPLICANT: Young, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Tumor Necrosis Related Receptor, TITLE OF INVENTION: {\tt TR4}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 709 Swederand CITY: King of Prussia
                                                                                                                                                                       TELEFAX: 610-270-4026
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Best Local Similarity
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                                                                US-09-188-403-4
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                                                                                                                                                                                                                                                                          JS-08-966-388-4
                              Sequence 4,
Patent No.
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APPLICATION NUMBER: JP 311,235/1991
FILING DATE: 8-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION UMBER: JP 61,710/97
FILING DATE: 3-MAR-1997
ATTORNEY/AGENT INFORMATION:
                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC COMPATION OPERATING SYSTEM: PC-DC SOFTWARE: Patent In Re-CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
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   APPLICANT: Tomoyuki NISHIMOTO
                                                                                                                               407 YPWESADTGE 416
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TELEPHONE: 202-737-3528
                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: BROWDY, ROGER L
REGISTRATION NUMBER: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE:
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                                , Application US/09188403 6066477
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419 Seventh Street, N.W.,
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Hiroto CHAEN
Toshio MIYAKE
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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70.0%;
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; Mismatches 0;
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Best Local Similarity
7; Conserve
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; TOPOLOGY: linear
; MOLECULE TYPE: pepi
US-09-188-403-4
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Patent No. 6140487
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 3-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,6
REFERENCE/DOCKET NUMBER:
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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APPLICATION NUMBER:
FILING DATE:
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ADDRESSEE: BROWDY AND NEIMARK
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LENGTH: 775 amino acid
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TELEFAX: 202-737-3528
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                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                     407 YPWESADTGE 416
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                                                                                                                                                              TITLE OF INVENTION:
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                                                               STATE: D.C.
                                                                                             STREET:
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CLASSIFICATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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7: USA
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                                                                                             E: BROWDY AND NEIMARK
419 Seventh Street, N.W., Suite 300
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Toshio MIYAKE
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Hiroto CHAEN
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   Floppy disk
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Pred. No.
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CURRENT APPLICATION DATA:

Patent In Release #1.0,

Version #1.30

compatible PC-DOS/MS-DOS

APPLICATION NUMBER:

US/09/188,404

COMPUTER: IBM PC OPERATING SYSTEM:

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Best Local Similarity
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 61,710/97

APPLICATION NUMBER: JP 61,710/97
                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                 SOFTWARE: Patent In Re
CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
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APPLICATION NUMBER:
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REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER:
                                                                                                       CLASSIFICATION:
                                                                                                                     FILING DATE:
                                                                                                                                   APPLICATION NUMBER:
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: Michio KUBOTA
: Hiroto CHAEN
: Toshio MIYAKE
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70.0%;
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Query Match
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Best Local Similarity
Thehes 7; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT ; ORGANISM: Sorangium cellulosum US-09-335-409-5
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                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                            Sequence 2, Application US/09335409 Patent No. 6121029
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SEQ ID NO 5
LENGTH: 7257
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           APPLICANT: Cyr, Devon
APPLICANT: Goerlach, Joern
TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS OF EPOTHILONES
FILE REFERENCE: 4-30582A
CURRENT APPLICATION NIMBERD. TO ACCOUNT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/335,409
CURRENT FILING DATE: 1999-06-17
NUMBER OF SEQ ID NOS: 30
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APPLICANT: Goerlach, Joern
TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS
FILE REFERENCE: 4-30582A
                                                                                                                           APPLICANT: Schupp, Thoma APPLICANT: Ligon, James
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CURRENT APPLICATION NUMBER: US/09/335,409
CURRENT FILING DATE: 1999-06-17
                                                                                           APPLICANT: Molnar, Istvan
APPLICANT: Zirkle, Ross
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LENGTH: 775 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: BROWDY, ROGER L. REGISTRATION NUMBER: 25,618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 YPWRDAETGE 15
                                                                                                                                                                                                                                                                                                          4 PTYPWR-----DAETG 14
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Pred. No. 2.3e+02;
"'Amartches 1;
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Pred. No. 9.
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Query Match
Best Local Similarity
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Sequence 2, Application US/08023610 Patent No. 5928648
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Best Local :
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                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                        NAME: White, John P
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
TELEPAX: (212)391-0526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 797 amino acids
                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
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APPLICANT: Macdonald, Richard D
TITLE OF INVENTION: Recombinant Herpesvirus of Turkeys
TITLE OF INVENTION: and Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
                                                                                                                                                                                                                                                                                                                                TELEFAX: (22523
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/
FILING DATE: June 13, 1996
CLASSIFICATION: 435
                                                                                           26 ASIPETPWRSTLSGQR 41
                                                                                                                                                                                                                                                                   TOPOLOGY: linear
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les 9; Conserv
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                                                                                                                           1 AETPTYPWRDAETGER 16
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                                                                                                                                                                                                                                                                              amino acid
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                                                                                                                                                                        Score 41;
Pred. No.
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Pred. No. 6
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                                                                                                                                                                                    Length 797;
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                                                                                                                                                         Indels
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RESULT 10
US-08-288-065A-2
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                                                                                                                                                                                                                                                                                               PATENT NO. 595177.

PATENT NO. 595177.

PATENT NO. 595177.

APPLICANT: Cochran, Mark D
APPLICANT: Macdonald, Richard D
APPLICANT: Macdonald, Recombinant Herpesvirus of Turkeys

"TTTLE OF INVENTION: Recombinant Herpesvirus of Turkeys of Turkeys of Turkeys."
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Best Local Similarity 43.8%;
Matches 7; Conservative
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ATTORNEY/AGENT INFORMATION:
NAME: White Esq. John P
TELECOMMUNICATION INFORMATION:
TETLEPHONE: (212)977-9550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 422523
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: Aug-09-94
                                                                                                                                                  COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/023,610
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cochran Ph.D, Mark D
APPLICANT: Macdonald Ph.D., Richard D
TITLE OF INVENTION: Recombinant Herpesvirus of Turkeys
CLASSIFICATION: 435
                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                  CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                       ADDRESSEE: John P. White STREET: 1185 Avenue of the Americas
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OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: New York
STATE: New York
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                                                         US/08/288,065A
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TELEX: 422523
TELEX: 422523
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
FENGTH: 797 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5965138
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                                                                            Query Match
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TELEX: 422523
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                         NAME: White, John P
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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                                                                                                                                  MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US, FILING DATE: Dec-22-94 CLASSIFICATION: 435
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nes 7; Conserv
                                                                                                                                                                TYPE:
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26
                                                                                                                                                 TOPOLOGY:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: New York
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                                                                 Local
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                         AETPTYPWRDAETGER 16
ASIPETPWRSTLSGQR 41
                                                                Similarity
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                                                                                                                                                             amino acid
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Junker, David
                                                                                                                                                                                                                               (212)278-0400
(212)391-0526
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                                                                                                                                                                                                                                                                                                                                                                   PatentIn Release #1.0, Version #1.25
                                                    Conservative
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Pred. No.
                                                                Score 41; DB Pred. No. 86;
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PCT-US95-10245-2
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                                                                                                                                                                                                                                                                                                                                  Sequence 29, Application US/08440103 Patent No. 5670152
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Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
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NAME: White, John P
REGISTRATION NUMBER: 28,678
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                         APPLICANT: Weiner, Amy U.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
TITLE OF SECUENCES: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: HM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
          SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS: LENGTH: 797 amino acids
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CURRENT APPLICATION DATA:
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                                                                                                                                                                 STREET: 4500
CITY: Emeryville
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TELEX: 422523
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12-MAY-1995
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CLASSIFICATION: 424
PRIOR APPLICATION DATA:

APPLICATION NUMBER:

US/08/231,368

FILING DATE:

Barbara G.

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Query Match
Best Local Similarity
Thehes 7; Conserv
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; OTHER INFORMATION:
US-08-440-103-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-440-103-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 30, Application US/08440103 Patent No. 5670152
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APPLICATION NUMBER: US FILING DATE: 13-SEP-199 ATTORNEY/AGENT INFORMATION
                                                                                                                                 CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/759,575 FILING DATE: 13-SEP-1991 ATTORNEY/AGENT INFORMATION:
                                                                                CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 268 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Weiner, Amy J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   142 PTYNWGDNET 151
                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY:
LOCATION:
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OTHER INFORMATION: /note= "Amino acid #3 can also be Arg "
                                                   FILING DATE:
                                                                                                                   FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: McClung, Barbara G
REGISTRATION NUMBER: 33,1
                                                               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                  STREET:
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                  13-SEP-1991
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/note= "Amino Acid #5 can also be Ala."
                                us 07/759,575
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INFORMATION FOR SEQ ID NO:
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NAME/KEY:
LOCATION:
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LOCATION:
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LOCATION:
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OTHER INFORMATION: /note= "This amino acid can also be Met."
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                                          NAME/KEY:
                                                                                               LOCATION:
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/note= "
                                                                                                                                                                                                                                                                                 /label= Heterogeneity
/note= "This amino acid can also be Thr.
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/note= "This amino acid"
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/note= "This amino acid can also be Val."
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/note= "This amino acid can also be Trp."
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/note= "This amino acid can also be Arg and Asp."
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/note= "This amino acid can also be Val."
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/note= "This amino acid can only be Phe."
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/note= "This amino acid
/label= Heterogeneity
/note= "This amino acid
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                                                                    Heterogeneity 
"This amino acid
can also be Gly."
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RESULT 15
US-08-440-542-29

Sequence 29, Application US/08440542

Patent No. 567/0153

GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   밁
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                                                                                          OTHER INFORMATION: /label= Heterogeneity;
OTHER INFORMATION: /note= "Amino Acid #5 can also be Ala."
US-08-440-542-29
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Best Local Similarity 70.0
Matches 7; Conservative
Query Match 43.5%;
Best Local Similarity 70.0%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 07/759
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA.
APPLICATION NUMBER: US/08/440,542
FILING DATE: 12-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 424 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 142 PTYNWGDNET 151
                                                                                                                                                                                                                                                                                                                       LENGTH: 268 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                NAME/KEY: Duplication LOCATION: 7
                                                                                                                                                                                                         OTHER INFORMATION: /label= heterogeneity
OTHER INFORMATION: /note= "Amino acid #3 can also be Arg."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                             NAME/KEY: Duplication
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                   Score 40; DB 1; Length 268; Pred. No. 37;
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| Db 142 PTYNWGDNET 151
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Search completed: May 23, 2001, 15:56:30 Job time: 163 sec

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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/cgn2_6/ptodata/2/1aa/5B_COMB.pep:*
/cgn2_6/ptodata/2/1aa/6B_COMB.pep:*
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US-08-243-010-1
US-08-385-229-4
US-08-219-237B-5
US-08-219-237B-5
US-08-232-087A-9
US-08-505-606-1
US-09-042-785A-4
US-09-042-785A-2
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US-09-042-785A-13

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            Patent No. 5395760
Sequence 1, Appli
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Result No.

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18.1	18.1	18.1	18.5	18.5	18.5	18.6	18.6	19.2	19.3	19.5	20.0	20.2	20.7	20.7	20.7	20.7	20.8
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11,	Sequence 7, Appli	7,	7,			Sequence 4, Appli		Sequence 10, Appl	Sequence 8, Appli	51,	2	Sequence 2, Appli	Sequence 2, Appli	Sequence 9, Appli	Sequence 2, Appli	Sequence 47, Appl	Sequence 15, Appl

ALIGNMENTS

Title:

; TOPOLOGY: 1; MOLECULE TYPE: US-08-794-796-2 Sequence 2 Patent No. COMPUTER READABLE FORM: MEDIUM TYPE: DISKette COMPUTER: IBM COMPATIBLE COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: DOS SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/794,796 FILING DATE: 04-FEB-1997 CLASSIFICATION: 514 PRIOR APPLICATION NUMBER: TILLIANT ON NUMBER: INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 300 amino acid GENERAL INFORMATION: REGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: GH: TELECOMMUNICATION INFORMATION: TELECHONE: 610-270-5219 APPLICANT: Truneh, Alem APPLICANT: Young, Peter TITLE OF INVENTION: Tumor Necrosis Related Receptor, TITLE OF INVENTION: TR4 NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSEE: SmithKline Beecham Corporation FILING DATE: ATTORNEY/AGENT INFORMATION: APPLICANT: STATE: PA COUNTRY: US ZIP: 19406 TYPE: amino a STRANDEDNESS: NAME: Han, William T REGISTRATION NUMBER: STREET: 709 Swedeland CITY: King of Prussia TELEFAX: 610-270-4026 amino acid Application US/08794796 300 amino acids USA Tan, ss: single linear Emery, protein S John Beecham Corporation Road GH50000

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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: OSTEOPROTEGERIN NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                MOLECULE TYPE: protein
                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 401 amino acid
                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA: APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chang, Ming-Shi
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                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
CITY: Thousand Oaks
STATE: California
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                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
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                              TCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLE 128
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VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK 120
                                                            LLCCAL - - - VFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT
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41.1%; Pred. No. 1.5e-29;
70. Mismatches 75;
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mismatches 0;
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; FRAGMENT TYPE:
US-09-042-785A-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/042,7851
FILING DATE: 17-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
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                                                                                                                       61 VCAPCPDHYYTDSWHTSDECLYCSPYCKELQYYKQECNRTHNRYCECKEGRYLEIEFCLK 120
                                                                                                                                                                                                                                          11 LICIVIALPALLPVPAVRGVAET -- PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPT 68
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HDTLC 193
                                         HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT 180
                                                                             HASCPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSSEQCQPHRNCTALGLALNVPGSSS 188
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                                                                                                                                                                                                                                                                                39.7%; Score 435.5; DB 4;
41.1%; Pred No. 1.5e-29;
Mismatches 75;
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NOVEL MOLECULES OF
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US-08-974-022-2

Sequence 2 Patent No.

2, Application US/08974022). 6015938

INFORMATION:

Amgen Inc

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                                                                                                                                  Sequence 4, Application US/08974022 Patent No. 6015938
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                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 1NFORMATION FOR SEQ ID NO: 2:
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APPLICANT:
APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
            APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS
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1840 Dehavilland Drive
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Calzone, Frank J.
Chang, Ming-Shi
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; MOLECULE TYPE: protein US-08-974-022-4
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                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                 APPLICATION NUMBER: FILING DATE: 17-MAR-PRIOR APPLICATION DATA:
                                                                      SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                APPLICANT: Busfield, TITLE OF INVENTION: NOTITLE OF INVENTION: PROPERTY OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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NOVEL MOLECULES OF
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US 08/938,896
                                                   US/09/042,785A
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FILING DATE: 26-SEP-1997 ATTORNEY/AGENT INFORMATION:

NAME: Mandragouras, Amy E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP

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Best Local Similarity 43.1%;
Matches 69; Conservative 2
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INFORMATION FOR SEQ ID NO:
                                                               APPLICATION NUMBER: US 40 FILING DATE: 05-SEP-1989 PRIOR APPLICATION DATA:
                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 401 amino acid
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                 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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                                    FILING DATE: 11-SEP-1989
                                                    APPLICATION NUMBER:
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51 University Street
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Beckmann, M. Patricia
                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Smith, Craig A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (617)742-4214
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                                                                                                                                              US/08/038,765
                                                                                                           US 403,241
                                                     US 405,370
                                                                                                                                                                                     US/08/468,453
                                                                                                                                                                                                                                                            US/08/650,000
US 421,417
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Pred. No. 3.6e-28;
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Best Local Sim
Matches 59;
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 INFORMATION FOR SEQ
                                                                                                                                                           FILING DATE: 17-MAR-PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                  REFERENCE/DOCKET NUMBER: MI
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE THE RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 13-OCT-PRIOR APPLICATION DATA:
                                                                                                                         FILING DATE: 26-SEP-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                      NAME: Mandragouras, Amy E REGISTRATION NUMBER: 36,2
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CITY: Boston
                TELEFAX:
                                 TELEPHONE:
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                (617)742-4214
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                                   (617)227-7400
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 ID NO:
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RESULT 10
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; Sequence 48, Application US/08974022
; Patent NO. 6015938
; GENERAL INFORMATION:
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Best Local Similarity 38.1'
Matches 59; Conservative
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Best Local 9
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PRIOR APPLICATION DATA:
APPLICATION UDMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
FILING DATE: 11-SEP-1989
APPLICATION NUMBER: 403,241
                APPLICANT:
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   APPLICANT:
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                                                                                                                                                                  SDTTSSTDVCRPHRICSILA----IPGNASTDAVC 202
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Boyle, Willaim J.
Lacey, David L.
Calzone, Frank J.
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38.18;
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Pred. No. 2.2e-20;
5; Mismatches 60
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US-09-042-785A-7
; Sequence 7, Application
; Patent No. 6194151
; Patent INFORMATION:
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Best Local Similarity
Watches 68; Conserva
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                                                                                                                   APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Rel-Base #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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COMPUTER READABLE FORM
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LENGTH: 227 amino acid
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                                                                                                                                                                                                                                                                                                                                              181 PHQICNVVA----IPGNASRDAVC 200
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ZIP: 91320-1789
                                COUNTRY:
                                                      CITY: Boston
STATE: Massa
                                                                                     STREET:
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                                                                                                         ADDRESSEE:
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                                  Massachusetts
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                                                                                     28 State Street
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WENTION: OSTEOPROTEGERIN
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                                                                                                         LAHIVE & COCKFIELD, LLP
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33.3%; Pred. No. 1.4e-20;
"" Mismatches 76;
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CURRENT APPLICATION DATA:

SOFTWARE: OPERATING SYSTEM: MEDIUM TYPE: COMPUTER: I

PatentIn Release #1.0, Version #1.25

US/09/042,785A

PC-DOS/MS-DOS

IBM PC compatible

Floppy disk

CLASSIFICATION:

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Best Local Similarity
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APPLICANT: Jacobs
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                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                    SOFTWARE: Patentin Rel CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-197
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Method of Treating TITLE OF INVENTION: Inflammation Using
                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   181 PHQICNVVA----IPGNASRDAVC 200
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APPLICATION NUMBER:
                                                                                                                                                          COUNTRY:
                                                                                                                                                                                STATE:
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51 University Street
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(617)742-4214
                                                                                                                                                            U.S.A.
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internal
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US/08/385,229
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Best Local Similarity
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NAME: Wight, Christopher
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER:
                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 461 amino acids
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                                                                                                                                                                 SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Beckmann, M. Patricia TITLE OF INVENTION: Tumor Necrosis NUMBER OF SEQUENCES: 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         121 RPGWYCALSKQEGCRLCAPLRKCRPGFGVARPGTETSDVVCKPCAPGTFSNTTSSTDICR 180
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                                                                                                                                                                                                                                                                                                                                       STREET: 51 viii
CITY: Seattle
                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                       STATE: Washington
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                                                                                                                                  FILING DATE:
                                                                                                                                                   APPLICATION NUMBER:
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APPLICATION NUMBER:
                 FILING DATE:
                                   APPLICATION NUMBER:
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Beckmann, M. Patricia
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                                                                                                                                                                                                                                                                                                                                                                                Immunex Corporation
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NUMBER: 31,680
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587-0606
ID NO: 2:
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                                   US/08/038,765
                                                                        US/08/468,453
                                                                                                                                                   us/08/650,000
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PRIOR APPLICATION DATA:

APPLICATION NUMBER:

APPLICATION NUMBER: FILING DATE: 11-SE

11-SEP-1989

US 405,370

FILING DATE:

13-OCT-1989

US 421,417

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Best Local Similarity
Watches 68; Conserv
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                                                                                 5395760-2
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                                                                                                             SEQ ID
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                Query Match
Best Local Similarity
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                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                            APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
FILING DATE: 11-SEP-1989
APPLICATION NUMBER: 403,241
FILING DATE: 05-SEP-1989
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 17
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                                                                                                                                                                                                                                          APPLICATION NUMBER: US/07/523,635 FILING DATE: 10-MAY-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                LENGTH: 461
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                                                                                                                 NO:2:
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10-MAY-1990
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Pred. No. 4.3e-20;
Score 324; DB 6;
Pred. No. 4.3e-20;
6; Mismatches 76;
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Best Local Similarity
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                                                                                         FILING DATE: 28-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: Einaudi, Carol P.
                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 26-NOV-1991
APPLICATION NUMBER: DE P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
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8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE-------RLVCAQCPPG 55
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1300 I Street, N.W.
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Zettlmeissel, Gerd
                                                   Conservative
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                                                                   29.5%;
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                                              Score 324; DB 1; L
Pred. No. 4.6e-20;
Pred. No. 4.6e-76;
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Minimum DB
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Listing first 45 summaries
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1: /cgn2_6/ptodata/2.
2: /cgn2_6/ptodata/2.
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Copyright (c) 1993 - 2000 Com
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/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
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US-08-794-796-2
US-09-042-785A-12
US-08-974-022-2
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US-09-042-785A-7
US-09-042-785A-7
US-09-042-785A-7
US-08-385-229-2
US-08-950-000-2
25395760-2
US-08-950-000-4
US-09-042-785A-8
US-09-042-785A-8
US-08-355-229-4
US-08-355-229-4
US-08-355-229-4
US-08-355-229-4
US-08-355-239-6
US-09-042-785A-23
US-08-355-606-1
US-08-255-606-1
US-08-296-1339-4
US-08-996-1339-6
US-08-996-1339-6
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47.270 Million cell updates/sec
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Sequence 4, Appli
Sequence 8, Appli
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Patent No. 5395760
Sequence 1, Appli
Sequence 5, Appli
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Sequence 12, Appli
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Sequence 13, Appli
Sequence 7, Appli
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Sequence
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	ALIGNMENTS					
Sequence 1:	l US-08-097-827-11		438	13.1	195.5	45
Sequence 7,	L US-08-494-574-7	_	206	13.1	195.5	44
Sequence 7,	US		206	13.1	195.5	43
Sequence 7,	2 US-08-219-237B-7		162	13.6	202.5	42
Sequence 11	_		289	13.7	203	41
Sequence 49	3 US-08-974-022-49		197	13.7	203	40
Sequence 4,	5 PCT-US91-02207-4		326	14.2	210.5	39
Sequence 4,	L US-08-292-549-4		326	14.2	210.5	38
	US-09-042-785A-10		277		211	37
Sequence 51,			205	14.2	211.5	36
Sequence 8,			139	14.3	212	35
Sequence 2,			277	14.5	215.5	34
Sequence 15,	3 US-08-996-139-15		625		220.5	33
Sequence 2,		4	573	15.1	225	32
Sequence 2,	PCT-US91-02207-	ر.	325		234.5	31
Sequence 9,		4	325	15.8	234.5	30
Sequence 2,	L US-08-292-549-2	1	325	15.8	234.5	29
Sequence 47	0S-08-974-022-47	Ĺ	707	٠	234.3	2

; STRANDEDNESS: ; TOPOLOGY: line ; MOLECULE TYPE: F US-08-794-796-2 Sequence 2, Application Patent No. 5885800 GENERAL INFORMATION: INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: KEGISTRATION NUMBER: 34,344 REFERENCE/DOCKET NUMBER: GH TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5219 TELEPAX: 610-270-4026 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FASTSEQ for Windows Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/794,796 FILING DATE: 04-FEB-1997 APPLICANT: Truneh, Alem APPLICANT: Young, Peter TITLE OF INVENTION: TRMATTITLE OF INVENTION: TR4 NUMBER OF SEQUENCES: 2 ATTORNEY/AGENT INFORMATION: NAME: Han, William T REGISTRATION NUMBER: 34, FILING DATE: 04-FEB-1997 CLASSIFICATION: 514 PRIOR APPLICATION DATA: COMPUTER READABLE FORM: MEDIUM TYPE: Diskette CORRESPONDENCE ADDRESS: ADDRESSEE: SmithKline STREET: 709 Swedeland APPLICANT: APPLICANT: LENGTH: TELEX: FILING DATE: APPLICATION NUMBER: COUNTRY: US ZIP: 19406 CITY: King of Prussia 5885800 amino acids ΡA USA Tan, Emery, ss: single linear protein John 05/08/94/96 Beecham Corporation Road

Query Match

100.0%;

Score 1487;

DB 2;

Length 300;

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US-08-974-022-6
                                                           Matches
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Best Local
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                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,022
                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1840 CITY: Thousand Oaks
CITY: Thousand Oaks
CTATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
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                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
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                           4 PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNV 63
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PKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKTVCAPCPDHYYTDSWHTSDECLYCSP 85
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                                                           1 Similarity 77; Conserv
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                                                                                                                                                     TYPE: protein
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1840 Dehavilland Drive
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Calzone, Frank J.
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Lacey, David L.
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                                                         Score 440.5; DB 3;
Pred. No. 2.7e-31;
1; Mismatches 74;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 12, Application US/09042785A Patent No. 6194151
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/042,785;
FILING DATE: 17-MAR-1998
PRIOR APPLICATION UDATA:
APPLICATION UMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                             MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: ME TELECOMMUNICATION INFORMATION:
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                               PPGTFSASSSSSEQCQPHRNCTALGLALNVPGSSSHDTLCTSCTGFPLSTRVPGAEE--C
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                                                               VCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRSCPPGFGVVQAGTPERNTVCKRC 145
                                                                                                                             PKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKTVCAPCPDHYYTDSWHTSDECLYCSP 85
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PDGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNATHDNI---CSGNSESTQKCGIDVTLC
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Pred. No. 2.7e-31;
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RESULT 4 US-08-974-022-2

Patent No. Sequence

2, Application US/08974022 5. 6015938

GENERAL INFORMATION:

Boyle, Willaim J.

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Sequence 4, Application US/08974022 Patent No. 6015938
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Best Local Similarity
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NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
NFORMATION FOR SEQ ID NO: 2
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MEDIUM TYPE: Floppy disk
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TYPE: a
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                                                                                           EEAFFRFAVPTKIIPNWLSVLVDSL
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1840 Dehavilland Drive
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Calzone, Frank J.
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Pred. No. 5.6e-30;
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Best Local Similarity 39.0
Matches 80; Conservative
                                                                                                                                                                    GENERAL INFORMATION:
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APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
                                                                                       APPLICANT: Busfield, Samantha J
TITLE OF INVENTION: NOVEL MOLECULES OF THE TWF RECEPTOR SUPERFAMILY
TITLE OF INVENTION: AND USES THEREFOR
NUMBER OF SEQUENCES: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: Winter, Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/01 FILING DATE: 12-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LCGEREEEARACHATHNRACRCRTGEFAHAGFCLEHASCPPGAGVIAPGTPSQNTQCQPC 123
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GY: linear
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Massachusetts
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1840 Dehavilland Drive
                                 28 State Street
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David L.
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COMPUTER READABLE FORM:

MEDIUM TYPE:

Floppy disk

COUNTRY:

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Best Local Similarity
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FRAGMENT TYPE:
-09-042-785A-13
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                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 401 amino acid
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APPLICATION NUMBER: US 08/938,896
FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                         TITLE OF INVENTION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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ADDRESSEE: LAHIVE & COCKFIELD, LLP
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                                                                                                                            COUNTRY:
                                                                                                                                                                                  STREET:
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APPLICATION DATA:
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GY: linear
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                 PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                           , Samantha J
                                                                                                                                                                                                                                                         AND USES THEREFOR
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Pred. No. 6.8e-30;
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Patent No. 5605690
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 7:
                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
                                                       SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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FILING DATE: 26-SEP-1997
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                STREET: STREET: STREET: Seattle
                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Method of Treating TNF-Dependent
TITLE OF INVENTION: Inflammation Using Tumor Necrosis Factor Antagonists
                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               241 ALLVRLLQAL---RVARMP-GLERSVRERFLP 268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        130 ASSSSEQCOPHRNCTALGLALNVPGSSSHDTLCTSCTGFPLSTRVPGAEECERAVIDFV 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          273 LLIIGVVNCVIMTQVKKKPLCLQREAKVPHLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             51 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 110
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CLASSIFICATION:
                  FILING DATE:
                                                                                                                                                                                         COUNTRY:
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                                       APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ---STRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGDFALPVGLIVGVTAL--
                                                                                                                                                                             98101
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                                                                                                                                                                                             Washington : U.S.A.
                                                                                                                                                                                                                                                   51 University Street
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                                                                                                                                                                                                                                                                                                                                                                                             Cindy A.
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                                       us/08/385,229
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Pred. No. 2e
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Gaps

PRIOR APPLICATION DATA:
APPLICATION NUMBER:

US/07/946, 236

ATTORNEY/AGENT INFORMATION:

FILING DATE:

APPLICATION NUMBER:

US/08/038,765

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                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2
Patent No.
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INFORMATION FOR SEQ ID NO:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
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                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     APPLICANT: Beckmann, M. Patricia
TITLE OF INVENTION: Tumor Necrosis Factor Receptors
                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                                                                                                      STATE: Washington
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                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                       ADDRESSEE:
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5. 5945397
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                                                                                                                                                                                                                                                                                                                                                                           Smith, Craig A.
                                                                                                                                                                                                                                                                         Immunex Corporation
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06) 587-0606
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30.1%;
   US/08/468,453
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RESULT 10
5395760-2
; Patent No. 5395760
; APPLICANT: SMITH, CRAIG A.; GOODWIN, RAYMOND G.; BECKMANN,
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SEQ
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Best Local Similarity
Matches 82; Conserv
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ID NO:2:
                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
FILING DATE: 13-OCT-1989
                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                   TITLE OF INVENTION: DNA ENCODING TUMOR NECROSIS FACTOR-a AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                             NUMBER OF SEQUENCES: 17
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                                FILING DATE: 11-SEP-1989
APPLICATION NUMBER: 403,241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      51 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 110
                  FILING DATE:
                                                                        APPLICATION NUMBER: 405,370
                                                                                                                                                    APPLICATION NUMBER: US/
FILING DATE: 10-MAY-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                76 HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTFS 129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ---STRSQHTQPTPEPSTAPSTSFLLPMGPSPPAEGSTGDFALPVGLIVGVTAL-----G 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AFODISIKRLQRLLQALEAPE-----GWGPTPRA-----GRAALQLKLRRRLTELLGAQDG 240
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10-MAY-1990
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LENGTH: 461

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Best Local Similarity

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US-08-974-022-48
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Best Local :
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                                                                                                                       NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FC-DOS/MS-DOS
SOFTWARE: Datasets FC-DOS/MS-DOS
                MOLECULE TYPE:
                                                                                                     SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Boyle, Willaim J.
APPLICANT: Lacey, David L.
APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
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                                 TOPOLOGY:
                                               STRANDEDNESS:
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mes 82; Conserv
                                                                                                                                      REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                               CLASSIFICATION:
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                                                                                  LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTFS 129
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                                                                                                                                                                                                                                                                                                                                                                                                           91320-1789
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6015938
                                                                    amino acid
                                                                                                                                                          Winter,
                                                                                                                                                                                                                                                                                                                                                                                                                                           California
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1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                              USA
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                                 linear
                                                                                  amino acids
                protein
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                                              single
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                                                                                                                                                                                                            08/577,788
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                                                                                                                         48:
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                                                                                                                                          A-378
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Query Match

22.4%;

Score 333;

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Length 227;

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                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Wight, Christopher L.
REGISTRATION NUMBER: 31,680
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER
                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: J.
STREET: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             130 ASSSSSEQCQPHRNCTALGLALNVPGSSSHDTLCTSCTGFPLSTRVPGA 178 ::||::||::||:||:||:||
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           171 NTTSSTDICRPHQICNVVA----IPGNASRDAVCTSTS--PTRSMAPGA 213
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                            FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                 TOPOLOGY:
                                                                                                                 TELEPHONE:
                                                                                                                                                      REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               16 RLVCAOCPPGTFVORPCRRDSPTTCGPCPPRHYTOFWNYLERCRYCNVLCGEREEEARAC
                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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                              amino acid
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                                               474 amino acids
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                                                                                                   (206)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Goodwin, Raymond G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Smith, Craig A
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SYSTEM: PC-DOS/MS-DOS
                                                                                                                 (206)
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protein
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                                                                                                   233-0644
                                                                                                                     587-0430
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                                                                                                                                                                                                                                                                                                                                            US 405,370
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RESULT 13
US-09-042-785A-8
; Sequence 8, Application US/09042785A
; Patent No. 6194151
; GENERAL INFORMATION:
    APPLICANT: Busfield, Samantha J
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                                                                                                    US-09-042-785A-8
Query Match 22.4%;
Best Local Similarity 29.7%;
Matches 81; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                   TELEFAX: (617)742-421
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: MANDIAGOULAS, AMY E
REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: MEI-001CP
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/042,785A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: NOVEL MOLECULES OF TITLE OF INVENTION: AND USES THEREFOR NUMBER OF SEQUENCES: 31
                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 474 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                    MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/938,896
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            185 VIDEVAEQDISIKRLQRLLQALEAPEGWGPTP----RAGRAALQLKLRRRLTELLGAQD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             273 GLLMLGLVNCIILVQRKKKPSCLQRDAKVPHVP 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         228 PLD----QEPGPSQTPSILTSL-----GSTPIIEQSTKGGISLPIGLIVGVTSL-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/0 FILING DATE: 17-MAR-1998
                                                                                                                                                                              TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            52 QMCCAKCPPGQYVKHFCNKTSDTVCADCEASMYTQVWNQFRTCLSCSSSCTTDQVEIRAC 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC
                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                            TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   76 HATHNRACRCRTGFF----AHAGF---CLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTF 128
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                                                                                                                                                                         amino acids
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                                                                                                                                                             linear
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internal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Samantha J
NOVEL MOLECULES OF
  44;
Score 332.5; DB 4;
Pred. No. 1.1e-21;
4; Mismatches 109;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 THE THE RECEPTOR SUPERFAMILY
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                                    Length 474;
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RESULT 14
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;APPLICANT: SMITH, CRAIG A.;GOODWIN, RAYMOND G.;BECKMANN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO:4:
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                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 22.4
Best Local Similarity 29.7
Matches 81; Conservative
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APPLICATION NUMBER: 421,417
FILING DATE: 13-OCT-1989
APPLICATION NUMBER: 405,370
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 17
                                                                                                                                                         172 SDTTSSTDVCRPHRICSILA----IPGNASTDAVCAPESPTLSAIPRTLYVSQPEPTRSQ 227
                                                                                                                                                                                                                                          112 TKQQNRVCACEAGRYCALKTHSGSCRQCMRLSKCGPGFGVASSRAPNGNVLCKACAPGTF
  273
                                       240 GALLVRLLQAL----RVARMPGLERSVRERFLP 268
                                                                              228 PLD----QEPGPSQTPSILTSL-----GSTPIIEQSTKGGISLPIGLIVGVTSL----
                                                                                                                                                                              273 GLLMLGLVNCIILVQRKKKPSCLQRDAKVPHVP 305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         172 SDTTSSTDVCRPHRICSILA----IPGNASTDAVCAPESPTLSAIPRTLYVSQPEPTRSQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          112 TKQQNRVCACEAGRYCALKTHSGSCRQCMRLSKCGPGFGVASSRAPNGNVLCKACAPGTF 171
                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 403,241 FILING DATE: 05-SEP-1989
                                                                                                                                                                                                                                                                             76 HATHNRACRCRTGFF----AHAGF---CLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTF 128
                                                                                                                                                                                                                                                                                                                    52 QMCCAKCPPGQYVKHFCNKTSDTVCADCEASMYTQVWNQFRTCLSCSSSCTTDQVEIRAC 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 474
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 11-SEP-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/
FILING DATE: 10-MAY-1990
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         VIDEVAEQDISIKRLQRLLQALEAPEGWGPTP----RAGRAALQLKLRRRLTELLGAQD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PLD----QEPGPSQTPSILTSL-----GSTPIIEQSTKGGISLPIGLIVGVTSL-----
GLLMLGLVNCIILVQRKKKPSCLQRDAKVPHVP
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                                                                                                                                                                                                                                                                                                                                                                                                   22.4%; Score 332.5; DB 6; 29.7%; Pred. No. 1.1e-21; tive 44; Mismatches 109;
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US-08-243-010-1; Sequence 1, A

Application US/08243010

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Search completed: May 23, 2001, 15:56:28 Job time: 161 sec
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                                                                                                                                                                                                                                                                                                                                                                  Query Match 22.3
Best Local Similarity 35.5
Matches 60; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/798,564
FILING DATE: 26-NOV-1991
APPLICATION UMBER: DE P 40 37 837.3
FILING DATE: 28-NOV-1990
ATTORNEY/AGENT INFORMATION:
NAME: Einaudi, Carol P.
REGISTRATION NUMBER: 32,220
REFERENCE/DOCKET NUMBER: 02481-1132-00000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5639597
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202-408-4400 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 486 amino acids
TYPE: amino acid
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lauffer, Leander
APPLICANT: Zettlmeissel, Gerd
                                                                                                       111 TREQNRICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPGTETSDVVCKPCAPGTFS
                                                                                                                                                                                                                                    76 HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTFS 129
                                                                                                                                                                                                                                                                          51 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 110
                                                                                                                                                                                                                                                                                                                         16 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1300 I St
CITY: Washington
STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/243,010 FILING DATE: 13-MAY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & ADDRESSEE: Dunner STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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VENTION: Cell-free Receptor Binding Assays, The
VENTION: Production and Use Thereof
                                                                                                                                                                                                                                                                                                                                                               22.3%; Score 331; DB 1; Length 486; 35.5%; Pred. No. 1.5e-21; tive 28; Mismatches 69; Indels
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 2000000000
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Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OM protein - protein search, using sw model
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Run on:
                                            Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pending_Patents_AA_Main:*
1: /cgn2_6/ptodata/2/paa/PCTUS_COMB.pep:*
2: /cgn2_6/ptodata/2/paa/USOC_COMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1009251 seqs, 160854530 residues
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                                                                                                                                                       /cgn2_6/ptodata/2/paa/US096_COMB.pep:
/cgn2_6/ptodata/2/paa/US097_COMB.pep:
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cgn2_6/ptodata/2/paa/US092_COMB.pep:/
cgn2_6/ptodata/2/paa/US093_COMB.pep:/
cgn2_6/ptodata/2/paa/US094_COMB.pep:/
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/cgn2_6/ptodata/2/paa/US088_COMB.pep.
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SUMMARIES
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Result	Score	Query Match Length DB	Length	DB	ID	Description
ъ	1634	100.0	300	- }	PCT-US00-03037-3	Sequence 3, Appli
N	1634	100.0	300	_	PCT-US00-05686-2	Sequence 2, Appli
ω	1634	100.0	300	_	PCT-US99-28696-2	
4	1634	100.0	300	14	US-09-006-352-2	Sequence 2, Appl.
տ	1634	100.0	300	15	US-09-119-899-2	
6	1634	100.0	300	.15	US-09-157-289-1	Sequence 1, Appl
7	1634	100.0	300	15	US-09-157-289E-1	
8	1634	100.0	300	16	US-09-280-567-2	Sequence 2, Appl.
9	1634	100.0	300	16	US-09-280-567-2	Sequence 2, Appl
10	1634	100.0	300	16	US-09-280-567-2	Sequence 2, Appl.

45	44	43	42	41	40	39	38	37	36	35	34	33	32	3	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	
814	841	841	841	848.5	855	855	855	855	1177	1362	1485	1485	1485	1485	1491	1491	49	1491	1491	1502	1502	1612	1619	1619	1619	1619	1619.5	1634	1634	1634	1634	1634	1634	1634	
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170	153	153	153	168	146	146	146	146	211	245	271	271	271	271	271	271	271	271	271	300	300	300	300	300	300	300	299	300	300	300	300	300	300	300	
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4,	Ņ	'n		18,	59,	59,	59,	59,	20,	۲,	8		8	8	-	9	ò	о 6	Sequence 4, Appli	е 4-	٠,	2	4	4,	4	4 >	17,	52,	52,	52,	52,	'n	e 2,		

ALIGNMENTS

Qy 121 AHAGFCLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTFSASSSSSEQCQPHRNCTALGLA 180	Db 61 PCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFF	Qy 61 PCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFF	Db 1 MRALEGPGLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGERLVCAQCPPGTFVQR	Qy 1 MRALEGPGLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGERLVCAQCPPGTFVQR	Query Match 100.0%; Score 1634; DB 1; Length 300; Best Local Similarity 100.0%; Pred. No. 7.6e-120; Matches 300; Conservative 0; Mismatches 0; Indels 0	PCT-US00-03037-3	; ORGANISM: Homo sapien	TYPE: PRT	; SEQ ID NO 3	; SOFTWARE: FastSEQ for Windows Version 4.0	; NUMBER OF SEQ ID NOS: 21	CURRENT FILING DATE: 2000-02-04	; FILE REFERENCE: 20392Y	; TITLE OF INVENTION: ENCODING M68, A THE RECEPTOR-RELATED PROTEIN	; TITLE OF INVENTION: METHODS OF USE FOR DNA MOLECULES	; APPLICANT: Bai, Chang (US only)	; APPLICANT: Merck & Co., Inc (CA, EP, JP)	; Sequence 3, Application PC/TUSUU3U3/	PCT-US00-03037-3
ASSSSEQCQPHRNCTALGLA	EEARACHATHNRACRCRTGFF	EEARACHATHNRACRCRTGFF	DAETGERLVCAQCPPGTFVQR	DAETGERLVCAQCPPGTFVQR	B 1; Length 300; -120; 0; Indels 0; Gaps									OR-RELATED PROTEIN	ECULES				
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PCT-US99-28696-2
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PCT-US00-05686-2
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ORGANISM: Homo sapiens
PCT-US00-05686-2
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EARLIER FILING DATE: 1999-03-12
EARLIER APPLICATION NUMBER: 60/131,279
EARLIER FILING DATE: 1999-04-27
EARLIER APPLICATION NUMBER: 60/131,964
EARLIER APPLICATION NUMBER: 60/146,371
EARLIER FILING DATE: 1999-08-02
EARLIER FILING DATE: 1999-08-02
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local s
Matches 300
      Sequence 2, Application PC/TUS9928696
GENERAL INFORMATION:
APPLICANT: Eli Lilly and Company
TITLE OF INVENTION: FLINT Composition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application PC/TUS0005686
GENERAL INFORMATION:
APPLICANT: Human Genome Sciences, Inc.
TITLE OF INVENTION: Tumor Necrosis Fac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EARLIER APPLICATION NUMBER: 60/168,235 EARLIER FILING DATE: 1999-12-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: PCT/US00/05686 CURRENT FILING DATE: 2000-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: PF454P1.PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
                                                                                                                           181
                                                                                                                                                                                                         181 LNVPGSSSHDTLCTSCTGFPLSTRVPGAEECERAVIDFVAFQDISIKRLQRLLQALEAPE 240
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Pred. No. 7.6e-120;
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SEQ ID NO 2
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SEQ ID NO 2
LENGTH: 300
TYPE: PRT
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Best Local
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Best Local Similarity 100.0%;
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PRIOR FILING DATE: 1997-01-14
NUMBER OF SEQ ID NOS: 24
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TITLE OF INVENTION:
FILE REFERENCE: PF4
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CURRENT FILING DATE: 1999-12-07
CURRENT FILING DATE: 1999-12-07
NUMBER OF SEQ ID NOS: 4
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TYPE: PRT
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CURRENT APPLICATION NUMBER: US/09/006,352
CURRENT FILING DATE: 1998-01-13
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Pred. No. 7.
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CURRENT APPLICATION NUMBER: US/09/119,899
CURRENT FILING DATE: 1998-07-21
EARLIER APPLICATION NUMBER: 60/053,203
EARLIER FILING DATE: 1997-07-21
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 300
         APPLICANT: ASKRENAZI, AVI J
APPLICANT: BOTSTEIN, DAVID
APPLICANT: BODGE, KELLY H.
APPLICANT: GURNEY, AUSTIN L.
APPLICANT: KIM, KYUNG JIN
APPLICANT: LAWRENCE, DAVID A.
APPLICANT: PITTI, ROBERT
APPLICANT: TUMAS, DANIEL B
APPLICANT: TUMAS, DANIEL B
APPLICANT: WOOD, WILLIAM I.
TITLE OF INVENTION: DCR3 Polypeptide, A TNFR Homolog
FILE REFERENCE: P1134R2
CURRENT APPLICATION UMBER: US/09/157,289D
CURRENT FILING DATE: 1998-09-18
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APPLICANT: Farrah, Theresa M
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APPLICATION NUMBER: US 60/059,288
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LENGTH: 300
TYPE: PRT
ORGANISM: Homo sapiens
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SEQ ID NO 1
LENGTH: 300
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Matches 300; Conser
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                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: DCR3 Polype
FILE REFERENCE: P1134R2 REVISED
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GURNEY, AUSTIN L.
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                                                           Score 1634; DB 15;
Pred. No. 7.6e-120;
Mismatches 0;
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Pred. No. 7.6e-120;
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CURRENT FILING DATE: 1999-03-30
EARLIER APPLICATION NUMBER: US 60/113,407
EARLIER FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: US 60/112,933
EARLIER FILING DATE: 1998-12-18
EARLIER FILING DATE: 1998-12-18
EARLIER FILING DATE: 1998-12-18
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APPLICANT: HELE, John Edward
APPLICANT: HEUER, Josef Georg
APPLICANT: HUI, Kwan Yuk
APPLICANT: HUI, Kwan Yuk
APPLICANT: KHARITONENKOV, Alexei
APPLICANT: NA, Songqing
APPLICANT: NA, Songqing
APPLICANT: NOBLITT, Timothy Wayne
APPLICANT: REIDY, Charles Arthur
APPLICANT: SONG, HO Yeong
APPLICANT: WANG, Jian
APPLICANT: WANG, Jian
                                                                                 Matches
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Best Local Similarity
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ORGANISM: Homo sapiens
-09-280-567-2
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APPLICANT: DOU, Shenshen
APPLICANT: GLASEBROOK, Andrew Lawrence
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EARLIER FILING DATE: 1998-05-20
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                                                                               Conservative
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Pred. No. 7
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APPLICANT: GOULD, Kenneth Elliot
APPLICANT: HALE, John Edward
APPLICANT: HEUER, Josef Georg
APPLICANT: HUI, Kwan Yuk
APPLICANT: KHARITONENKOV, Alexei
                                                                                                                                                                                                                                                           SEQ ID NO 2
LENGTH: 300
                                                                                                            Matches
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Best Local Similarity
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CURRENT FILING DATE: 1999-03-30
CARLIER APPLICATION NUMBER: US 60/113,407
EARLIER FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: US 60/112,933
EARLIER FILING DATE: 1998-12-18
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APPLICANT: ZUCKERMAN, Steven Harold
TITLE OF INVENTION: THERAPEUTIC APPI
FILE REFERENCE: 040902/0136
                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                    EARLIER APPLICATION NUMBER: US 60/079,856 EARLIER FILING DATE: 1998-03-30
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APPLICANT: SONG, Ho Yeong
APPLICANT: WANG, Jian
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ORGANISM: Homo sapiens
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APPLICATION NUMBER: US 60/099,643
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EARLIER FILING DATE: 1998-03-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
LENGTH: 300
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Best Local Similarity
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/280,567B
CURRENT FILING DATE: 1999-03-30
EARLIER APPLICATION NUMBER: US 60/113,407
EARLIER FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: US 60/112,933
EARLIER FILING DATE: 1998-12-18
EARLIER FILING DATE: 1998-12-18
EARLIER APPLICATION NUMBER: US 60/112,703
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TITLE OF INVENTION: THERAPEUTIC APPLICATIONS OF
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                                                                                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: US 60/086,074
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EARLIER APPLICATION NUMBER: US 60/112,577
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KHARITONENKOV, Alexei
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Pred. No. 7.6e-120;
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION UNMBER: US 09/280,567
EARLIER FILING DATE: 1999-03-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 2
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Best Local Similarity
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APPLICANT: Weirda, Daniel
TITLE OF INVENTION: THERAPEUTIC APPLICATIONS OF FLINT POLYPEPTIDES
FILE REFERENCE: X-12915A
FILE REFERENCE: TOTAL WITHERS. HE /NO // 21 818
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TYPE: PRT
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S-09-455-691-2
Sequence 2, Application US/09455691
GENERAL INFORMATION:
APPLICANT: Song, Ho Yeong
APPLICANT: SU, Eric Wen
TITLE OF INVENTION: FLINT Compositions and
FILE REFERENCE: X-12671
CURRENT APPLICATION NUMBER: US/09/455,691
CURRENT FILING DATE: 199-12-07
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn Ver. 2.0
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; LENGTH: 300
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; ORGANISM: Homo saplens
US-09-455-691-2
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CURRENT FILING DATE: 2000-03-03
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FILING DATE: 1999-04-27
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Pred. No. 7.6e-120;
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Best Local Similarity
Matches 300; Conserv
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LENGTH: 300
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EARLIER FILING DATE: 1999-08-11
EARLIER APPLICATION NUMBER: 60/142,657
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Apoptosis Inducing Molecule FILE REFERENCE: 1488.065000C
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                                 PCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFF 120
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FILING DATE: 1997-03-21
APPLICATION NUMBER: 60/013,923
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FILING DATE: 1998-01-07
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CURRENT APPLICATION NUMBER: US/60/137,457

CURRENT EILING DATE: 1999-06-04

NUMBER OF SEQ ID NOS: 61

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 52

LENGTH: 300

TYPE: PRT

ORGANISM: Homo Sapiens

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APPLICANT: Yu, Guo-Liang
APPLICANT: Ruben, Steven M.
APPLICANT: Zhang, Jun
APPLICANT: Ullrich, Stephen
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2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

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US-09-826-212-4
US-09-800-909-2
US-09-458-338-7
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CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 60/111,826
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin ver. 2.0
SEQ ID NO 13
LENGTH: 164
TYPE: PAT
ORGANISM: Homo sapiens
US-09-458-338-13
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US-08-706-945B-133
US-08-706-945B-133, Application US/08706945B; GENERAL INFORMATION:
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Best Local :
                APPLICANT: Boyle, William
APPLICANT: Lacey, David
APPLICANT: Calzone, Frank
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378CIP
CURRENT APPLICATION NUMBER: US/08/706,945B
CURRENT FILING DATE: 2001-04-18
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APPLICANT: Siemers, Nathan

TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGUE-1 ("TRH1")

FILE REFERENCE: DB16Sequences
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Pred. No. 1.1e-27;
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length:

length: 2000000000

Searched

41833 seqs,

Total number of

Scoring table: Sequence:

BLOSUM62 Gapop 10.0 ,

PRIOR APPLICATION NUMBER: 08/577,788 PRIOR FILING DATE: 1995-12-22

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SOFTWARE: Pater
; SEQ ID NO 133
; SEQ TRACTH: 174
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PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 142
SOFTWARE: Patentin version 3.0
SEQ ID NO 139
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Best Local
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Calzone, Frank
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Boyle, William APPLICANT: Lacey, David APPLICANT: Calzone, Frank
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 166
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                                  212 ERAVIDF 218
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                                                                                                                                             65 VCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLKHRSCPPGFGVVQAGTPERNTVCKRC
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EEAFFRF 172
                                                                      PDGFFSNETSSKAPCRKHTN---
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Pred. No. 1.4e-23;
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-08-706-945B-127
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; Sequence 127, Application US/08706945B
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Best Local Similarity
"~+~hes 75; Conserv?
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                                                                                                                                                                                                                                            SEQ ID NO 127
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APPLICANT: Boyle, William
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                                                                        Matches
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/08/706,945B
CURRENT FILING DATE: 2001-04-18
PRIOR APPLICATION NUMBER: 08/577,788
PRIOR FILING DATE: 1995-12-22
NUMBER OF SEQ ID NOS: 142
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APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: SOFTWARE: PatentIn ver
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TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378CIP
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                 34 PTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNV 93
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Calzone, Frank
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                                                                     Score 373; DB 4; L
Pred. No. 4.6e-23;
""" matches 55;
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-826-212-4
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US-09-826-212-4
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CURRENT FILING DATE: 2001-04-05
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
                                                                                                                                      Sequence 2, Application US/09800909
GENERAL INFORMATION:
APPLICANT: WALLACH, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 21.6%; Score 353.5; DB 5; Best Local Similarity 29.8%; Pred. No. 5.7e-21; Matches 96; Conservative 43; Mismatches 122;
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                                                  TITLE OF
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                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                     283
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 ADDRESSEE:
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                                                T: METT, IGOR
T: ENGELMANN, Hartmut
INVENTION: TNF INHIBITORS
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Ruben, Steven
                                                                                                   BIGDA, Jacek
BELETSKY, Igor
BROWDY AND NEIMARK
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Best Local Similarity
Matches 96; Conserv
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REFERENCE/DOCKET NUMBER: WAI
TELECOMMUNICATION INFORMATION:
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LENGTH: 461 amino acid
TYPE: amino acid
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ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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283 IMTQVKKKPLCLQREAKVPHLP
                                                                                                    230 QRLLQALEAPE-----GWGPTPRA----GRAALQLKLRRRLTELLGAQDGALLVRLLQAL 280
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS OPERATE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                            56
                                                                                                                                                                                                                                                                                                                                                              13 GLELWAAAHALPA------QVAFTPYAP----EPGSTCRLREYYDQTAQMCCSKCSPG 60
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REGISTRATION NUMBER: :
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                                                                                                                                                                                                                                                                                                                                                                                         8 GLSLLCLVLALPALLPVPAVRGVAETPTYPWRDAETGE------RLVCAQCPPG
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                                  ---RVARMP-GLERSVRERFLP 298
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                                                                                                                                                                                                                                                                                        QHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQACTREQNRICTC 120
                                                                      QPTPEPSTAPSTSFLLPMGPSPPAEGSTGDFALPVGLIVGVTAL--
                                                                                                                                          PHQICNVVA----IPGNASMDAVCTSTS--PTRSMAPGAVHLPQPV-----
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Pred. No. 8.2e-21;
3; Mismatches 122;
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RESULT 8 US-08-706-945B-131

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NUMBER OF SEQ ID NOS: 142
SOFTWARE: PatentIn version 3.0
SEQ ID NO 131
LENGTH: 227
                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 14
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                                                                                                                                              Matches
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                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/111,826
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver: 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bowen, Michael A. APPLICANT: Siemers, Nathan
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APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378CIP
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                                                                                                                                                                                                                                                                                            TYPE: PRT
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                   106 HATHNRACRCRTGFFAHAG---
                                                            14 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSSDQVETQAC 73
                                                                                        46 RLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARAC 105
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                                                                                                                                                             19.7%; Score 322; DB 5; Length 165; 35.9%; Pred. No. 5.4e-19;
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-FCLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTFS 159
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                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: IL 9
FILING DATE: 06-AUG-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: IL 9
FILING DATE: 18-MAY-1989
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ADDRESSEE: BROWDY AND NEIMARK
                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION: NAME: BROWDY, Roger L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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106 HATHNRACRCRTGFFAHAG-----FCLEHASCPPGAGVIAPGTPSQNTQCQPCPPGTFS 159
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                                              13 QMCCSKCSPGQHAKVFCTKTSDTVCDSCEDSTYTQLWNWVPECLSCGSRCSDDQVETQAC 72
                                                                                                                                                                                                                                                                                                                                                                             NAME: BROWDY, Roger L. REGISTRATION NUMBER: 25 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 06-AP
                                                                                                                                                                                                                                 TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                               Score 318; DB 5; Pred. No. 1.1e-18;
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160 ASSSSSEQCOPHRNCTALGLALNVPGSSSHDTLCT 194

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73 TREQNRICTCRPGWYCALSKQEGCRLCAPLRKCRPGFGVARPGTETSDVVCKPCAPGTFS 132

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US-09-458-338-8
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                                                                          Query Match
Best Local (
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                                                          Matches
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CURRENT APPLICATION NUMBER: US/09/458,338
CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 60/111,826
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 14
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CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 60/111,826
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 14
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bowen, Michael A.
APPLICANT: Siemers, Nathan
TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGUE-1 ("TRH1")
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TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGUE-1 ("TRH1")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bowen, Michael A. APPLICANT: Siemers, Nathan
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95 CGEREEEARACHATHNRACRCRTGFFAHAGFCLEHASCPPGAGVIAPGTPSQNTQCQPCP 154
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                                                                        Score 287; DB 5;
Pred. No. 1.3e-15;
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Pred. No. 5.9e-16;
3; Mismatches 88;
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12 TYRHYDRATGOYLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFTRHENGIEKCHDCSQP 71

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Best Local Similarity Matches 58; Conserv

Conservative

17.6%; Score 287; DB 5; 34.3%; Pred. No. 1.3e-15; ative 23; Mismatches 88;

Length 655;

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Query Match

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US-09-458-338-5
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APPLICANT: Bowen, Michael A.
APPLICANT: Siemers, Nathan
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                                                                                          SOFTWARE: PatentIn Ver. SEQ ID NO 5
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Rest Local :
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CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 60/111,826
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/111,826 PRIOR FILING DATE: 1998-12-11
                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/458,338 CURRENT FILING DATE: 1999-12-10
                                                                                                                                                                                                                                                         APPLICANT: Siemers, Nathan
TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGUE-1 ("TRH1")
FILE REFERENCE: DB16Sequences
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APPLICANT: Siemers, Nathan
TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGUE-1 ("TRH1")
                                                                                                                                           NUMBER OF SEQ ID NOS:
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TYPE: PRT
                                                   TYPE: PRT
                      ORGANISM: Homo sapiens
                                                                       LENGTH:
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Sequence 12, Application US/09458338

Sequence 12, Application US/09458338

GENERAL INFORMATION:
APPLICANT: Bowen, Michael A.
APPLICANT: Siemers, Nathan
TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGUE-1 ("TRH1")
FILE REFERENCE: DB16Sequences
CURRENT APPLICATION NUMBER: US/09/458,338
CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 60/111,826
PRIOR FILING DATE: 1998-12-11
SOFTWARE: Patentin Ver. 2.0
SEQ ID No 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-458-338-12
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Search completed: May 23, 2001, 15:54:34
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US-09-458-338-12
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                                                                                                                 155 PGTFSASSSSSEQCQPHRNCTALGLALNVPGSSSHDTLC 193
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124 RGTFSDVPSSVMKCKAYTDCLSQNLVVIKPGTKETDNVC 162
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2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/2/iaa/FCTUS_COMB.pep:*

5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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US-08-473-981A-11
US-08-473-981A-11
US-08-77-036-3
US-08-1513-974B-366
US-08-1513-974B-369
US-08-8151-188-3
US-08-8151-974B-369
US-08-8151-974B-369
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RESULT 1
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; Sequence 2, Ap
   Application US/08794796
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US-08-83-6443-3
US-08-83-65-689-2
US-08-145-138A-2
US-08-145-138A-2
US-08-164-292B-2
US-08-845-623-26
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US-08-882-046-6
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US-08-789-078-3
US-08-752-633-3
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APPLICANT:

INFORMATION:

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                                                                                 Sequence 19, Application US/08313288B Patent No. 5750502
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches 142;
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                                APPLICANT: Jessell, TITLE OF INVENTION: TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,344
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ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Truneh, Alem APPLICANT: Young, Peter TITLE OF INVENTION: Tumc TITLE OF INVENTION: TR4
                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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Pred. No. 5.8e-126;
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US-08-804-227C-5
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Matches 8
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                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCI(DOS) Text
CURRENT APPLICATION DATA:
                                                                                                                                                                     ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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REFERENCE/DOCKET NUMBER: 40028-A-PCT-US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                              APPLICANT: Kuhstoss, Stuart A.
APPLICANT: Rosteck, Paul R., Jr.
APPLICANT: Sutton Kimberly L.
TITLE OF INVENTION: POLYKETIDE S:
                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: THOMAS G.
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                                           ATTORNEY/AGENT INFORMATION:
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CITY: New York
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CTTY: INDIANAPOLIS
                                                           APPLICATION NUMBER: US/08/804,227C FILING DATE: February 21, 1997 CLASSIFICATION: 435
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OPERATING SYSTEM:
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REFERENCE/DOCKET NUMBER:
             NAME: Plant, Thomas, G
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                     COUNTRY:
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LILLY CORPORATE CENTER
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Avenue of the Americas
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                                                                                                                       Text only
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o. 14;
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TELECOMMUNICATION INFORMATION:

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                                             Matches
                                                                           Query Match
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                                                                                                                                                                                                                                          TELEFAX: (415) 494-079:
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                     STRANDEDNESS: 1
TOPOLOGY: linea
IMMEDIATE SOURCE:
LIBRARY: xyz (C
CLONE: 3B6
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                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 25:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MARQUIS, DAVID M.
ITTLE OF INVENTION: APL IMMUNOREACTIVE PEPTIDES, CONJUGATES
ITTLE OF INVENTION: THEREOF AND METHODS OF TREATMENT FOR APL ANTIBODY-MEDIATED
ITTLE OF INVENTION: PATHOLOGIES
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                                             Local Similarity hes 6; Conserv
13 CLVLAL 18
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/482,651 FILING DATE: 07-JUN-1995 CLASSIFICATION: 435
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nes 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                 CENGTH:
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No. 5874409
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                                                                                                                                                                                                              amino acid
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                                              Conservative
                                                                                                                                                                                  linear
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                                                                              3.58;
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                                             score 6; DB 2; Pred. No. 1.4
0; Mismatches
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                                                                           DB 2;
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                                                           1.4e+05;
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                                             Gaps
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Best Local Similarity
6; Conserv
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                                                                                                                                                              US-09-188-930-131
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                                                                                                                 GENERAL INFORMATION:
                                                                                                                               Sequence 131, Application US/09188930A Patent No. 6150502
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                               APPLICANT:
                                                                                 APPLICANT: Watson, James D. APPLICANT: Strachan, Lorna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 494-07
TELEX: 706141
INFORMATION FOR SEQ ID NO:
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                                                                    APPLICANT:
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TITLE OF INVENTION: 7
TITLE OF INVENTION: 7
TITLE OF INVENTION: 1
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 25
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Park, Freddie K.
REGISTRATION NUMBER: 35,636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: line
IMMEDIATE SOURCE
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                                                                                                                                                                                                                                                            13 CLVLAL 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 94304-1018
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CLONE: 3B6
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                                                                                                                                                                                                                               1 CLVLAL 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      amino acids
                                                             Strachan, Lorna
Sleeman, Matthew
                               Murison,
                                                  Onrust, Rene
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ilarity 100.0%;
Conservative (
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Marquis, David M.
                                                                                                                                                                                                                                                                                                                                                                                                       xyz (details pg. 16)
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                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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James Greg
Compositions Isolated From Skin Cells
and Methods For Their Use
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THEREOF AND METHODS OF TREATMENT FOR APL ANTIBODY-MEDIATED
PATHOLOGIES
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Best Local Similarity
"-+-hes 6; Conserv?
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 131
LENCTH: 70
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/08473981A Patent No. 5629162
                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                     TELEFAX: (202) 371-2540
NFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FITLE OF INVENTION:
               17 ALPALL 22
                                                       Local Similarity les 6; Conserv
                                                                                                                                                               TOPOLOGY: 11
                                                                                                                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                                                                                            NAME: MILLONIG, ROBERT C
REGISTRATION NUMBER: 34,395
                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C. STREET: 1100 NEW YORK AVENUE, N.W. SUITE 600 CITY: WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             63 GPGLSL 68
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9 ALPALL 14
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USA
                                                                                                                                                                                                         100 amino acids
                                                       3.5%;
ilarity 100.0%;
Conservative
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                                                                                                                                                            linear
                                                                                                                                            peptide
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                                                                                                                                                                           not relevant
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100.0%;
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                                                                                                                                                                                                                                                                                                 1011.0560004
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                                                                                     DB
                                                                        .3e+02;
                                                                                   Length 100;
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                                                         Indels
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RESULT 9
US-08-513-974B-28
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                                              Patent No.
                                                                                                                                                                                                Matches
                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 589184
                                                            Sequence 28,
                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/038,990
FILING DATE: 23-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/712,879
APPLICATION NUMBER: US 07/712,879
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 11-JUN-1991 ATTORNEY/AGENT INFORMATION:
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   APPLICANT:
                 APPLICANT:
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                                                                                                                                                   17 ALPALL 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 07 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: WASHINGTON
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                                                                                                                                      9 ALPALL
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                                              8, Application US/08513974B 6114139
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                                                                                                                                                                                                                                                                                                                                    amino acid
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Hosoya,
                                                                                                                                                                                                Conservative
                 Hinuma,
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                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                          (202) 371-2600
02) 371-2540
                                                                                                                                                                                                                                                                                                                                                amino acids
                                                                                                                                                                                                                                                                                       peptide
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                  Shuji
 Masaki
                                                                                                                                                                                                              100.0%;
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TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN, TITLE OF INVENTION: PRODUCTION, AND USE THEREOF NUMBER OF SEQUENCES: 380

APPLICANT:
APPLICANT:
APPLICANT:

Kazuhiro

Fujii, Ryo Ohtaki, Tetsuya Fukusumi, Shoji

0

CORRESPONDENCE ADDRESS:

BRONSTEIN, ROBERTS & CUSHMAN, LLP

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В
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                                                                                                                                     US-08-513-974B-28
                                                            Matches
                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                          TELEFAX: 617-523-6440 INFORMATION FOR SEQ ID NO:
                                                                                                                                                 TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 617-523-3400
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PRIOR APPLICATION NUMBER: JP 6-236357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-
FILING DATE: 19-AUG-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP95/01599
FILING DATE: 10-AUG-1995
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29
                                                                                                                                                                                STRANDEDNESS
                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: JP 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: JP 6-270017 FILING DATE: 02-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: JP 7-
FILING DATE: 20-JAN-1995
                           15 VLALPA 20
                                                                                                                                                                                                                                                                                                                        NAME: Resnick, David S. REGISTRATION NUMBER: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: JP 6-326611 FILING DATE: 28-DEC-1994
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VLALPA 34
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                                                            Conservative
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11-AUG-1945
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8; Pred. No. 1.6
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Best Local Similarity
"-+-hes 6; Conserv:
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US-08-164-292B-20
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US-08-757-036-3
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US-08-757-036-3
                                                                                                                                                     Patent No.
                                                                                                                                                                 Sequence 20,
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                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: line
IMMEDIATE SOURCE:
LIBRARY: GenBa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                           CORRESPONDENCE ADDRESS
                                         NUMBER OF SEQUENCES:
                                                      TITLE OF INVENTION:
                                                                                   APPLICANT:
                                                                                              APPLICANT:
                                                                                                             APPLICANT:
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OPERATING SYSTEM:
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CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
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ZIP: 94304
            ADDRESSEE:
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                                                                                                                                                    0, Application US/08164292B 5820868
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            135 amino acids
345 California Street
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                                                                                             GRAHAM,
PREVEC,
                                                                                BABIUK,
                                                                                                                          MITTAL,
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                                                                                                                                                                                                                                                                                                                                                                                                                   linear
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            MORRISON & FOERSTER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Herewith
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                                                     RECOMBINANT PROTEIN PRODUCTION IN BOVINE ADENOVIRUS EXPRESSION VECTOR SYSTEM
                                                                                 LORNE A
                                                                                                          FRANK L.
                                                                                                                          SURESH K.
                                                                                                LUDVIK
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RESULT 13
US-08-815-927-20
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                                                                                                                                                                                                                        ; TYPE: PRT ; ORGANISM: Bovine adenovirus type 3 US-08-845-623-20
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                                                                                                                                                            Query Match
Best Local Similarity
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Best Local
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                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 1997-04-25
EARLIER APPLICATION NUMBER: 08/164,294
                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/08/845,623A
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: TIKOO, SURESH K.
APPLICANT: REDDY, POLICE S.
TITLE OF INVENTION: BOVINE ADENOVIRUS 3 GENOME
FILE REFERENCE: 293102002120
                                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1993-12-09
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: BABIUK, LORNE A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                       LENGTH: 142
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REFERENCE/DOCKET NUMBER: 29,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 677-7000
TELEFAX: (415) 677-7522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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                                                                               12 GPGLSL 17
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                                                                                                             6 GPGLSL 11
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20, Application US/08815927
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amino acid
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US-08-513-974B-366
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APPLICANT: PREVIC, LUDVIK
APPLICANT: BABIUK, LORNE A.
TITLE OF INVENTION: RECOMBINANT PROTEIN PROJETTLE OF INVENTION: VECTOR SYSTEM
FILE REFERENCE: 293102002101
CURRENT APPLICATION NUMBER: US/08/815,927
CURRENT FILING DATE: 1997-03-13
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Best Local Similarity
Matches 6; Conserv
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LENGTH: 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EARLIER APPLICATION NUMBER: 08/164,294 EARLIER FILING DATE: 1993-12-09
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                FILING DATE: 14-SEP-CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/513,974B
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TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN,
TITLE OF INVENTION: PRODUCTION, AND USE THEREOF
PRIOR APPLICATION DATA:
                                                       PRIOR APPLICATION DATA:
                                                                                                            FILING DATE: 10-AUG-
PRIOR APPLICATION DATA:
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                                                                        APPLICATION NUMBER: JP 7 FILING DATE: 19-AUG-1995
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                    FILING DATE:
                                      APPLICATION NUMBER:
                                                                                                                             APPLICATION NUMBER: PCT/CFILING DATE: 10-AUG-1995
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                                                                                                                                                                                                      14-SEP-1995
                      16-MAR-1995
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                                        JP 7-057186
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Pred. No
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; MOLECULE TYPE: protein
US-08-513-974B-366
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Best Local :
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Patent No. 6114139
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       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
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APPLICANT:
APPLICANT:
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APPLICANT:
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CURRENT APPLICATION DATA:
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ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6
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APPLICATION NUMBER:
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NIMBER: JP 6-326611
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                                                                                                                                                                                                      ITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN, INVENTION: PRODUCTION, AND USE THEREOF
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hes 6; Conservative
                                                                                                     COUNTRY:
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Hosoya, Masaki
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              Version #1.30
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o. 1.8e+02;
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                                                                                                                                                           RESULT
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                                                                                                          Sequence 1, Application US/08851188 Patent No. 5925542
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                                                                                               GENERAL INFORMATION:
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                                               APPLICANT:
APPLICANT:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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MOLECULE TYPE:
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LENGTH: 144 amino acid
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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38 VLALPA 43
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                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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                                            Hillman, Jennifer L.
Corley, Neil C.
Shah, Purvi
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11-AUG-1994
NOVEL HUMAN PHOSPHODIESTERASE
DELTA SUBUNIT
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                                                                                                                                                                                                                                                                                                Length 144;
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CORRESPONDENCE ADDRESS:

ADDRESSEE:

E: Incyte Pharmaceuticals, Inc. 3174 Porter Drive

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RESULT 17
US-08-851-188-3
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Best Local Similarity
Matches 6; Conserv
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Patent No. 5925542
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NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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NFORMATION FOR SEQ ID NO:
         OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,188
FILING DATE: Filed Herewith
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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PRIOR APPLICATION DATA:
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CITY: Palo Alto
                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                      TITLE OF INVENTION: NOVEL HUMAN PHOSPHODIESTERASE FITLE OF INVENTION: DELTA SUBUNIT
                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LIBRARY: 2285337
                                                                                                                                                                          STREET: 3174 POI
CITY: Palo Alto
STATE: CA
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                                                                                                                                           COUNTRY: U.
ZIP: 94304
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                                                                                                          MEDIUM TYPE:
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3174 Porter Drive
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Corley, Neil C.
Shah, Purvi
                                                                                                                                                          USA
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                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/851,188 FILING DATE: Filed Herewith PRIOR APPLICATION DATA: APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
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                                                       SEQUENCE CHARACTERISTICS:
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TTY: Palo Alto
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REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF
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                                                                                                                                                                                                                                                                                            OPERATING SYSTEM:
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CLONE: 1565306
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            STRANDEDNESS:
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                                                                                                                                REFERENCE/DOCKET NUMBER:
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STRANDEDNESS: sin
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Corley, Neil C.
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RESULT 20
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; CLONE: 540267
US-08-851-188-4
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;Patent No. 5168049
; APPLICANT: MEADE, HARRY M.;GARWIN,
TITLE OF INVENTION: PRODUCTION OF S
;POLYPEPTIDES
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; MOLECULE TYPE:
US-08-791-495-7
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US-08-791-495-7
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FILING DATE:
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Van Amsterdam, John R.
REGISTRATION NUMBER: 40,212
REFERENCE/DOCKET NUMBER: L0461
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION: APPLICANT: Leth,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Godelaine, Daniele
APPLICANT: Boon-Falleur, Thierry
TITLE OF INVENTION: LL-1 TUMOR SPECIFIC GENES
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
STREET: 600 Atlantic Avenue
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nes 6; Conserv
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              Query Match
Best Local :
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                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                               FILING DATE: 30-JUN-1997 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Cardiotrophin-Like Cytokine NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
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CURRENT APPLICATION DATA:
                                                                                  MOLECULE TYPE:
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CITY: Rockville
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FILING DATE: 21-APR-1988
Local Similarity tes 6; Conserv
                                                                                                TOPOLOGY:
                                                                                                          STRANDEDNESS:
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                                                                                                                                                                                                                                  NAME: Brookes, A. Anders
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 60/051,053 FILING DATE: 30-JUN-1997
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              Score 6;
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Pred. No.
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-08-513-974B-27
Sequence 27, Application US/08513974B
Patent No. 6114139
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MEDIUM TYPE: Floppy disk
                  TELECOMMUNICATION INFORMATION: TELEPHONE: 617-523-3400
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APPLICATION NUMBER: JP 7
FILING DATE: 16-MAR-1995
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                                                                                                      ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
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APPLICATION NUMBER:
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ADDRESSEE: DIKE, BRONSTEIN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR TITLE OF INVENTION: PRODUCTION, AND USE THEREOF NUMBER OF SEQUENCES: 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
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                                                    REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 45
                                                                                                                        APPLICATION NUMBER: FILING DATE: 11-AUG
                                                                                                                                                                           APPLICATION NUMBER: JP 6-189273 FILING DATE: 11-AUG-1945
                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 11-AU
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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CLASSIFICATION:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                 FILING DATE:
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                                                                                      Resnick, David S.
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617-523-6440
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                                                                                                                        UMBER: JP 6-189272
11-AUG-1994
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US-08-791-495-5
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US-08-791-495-5
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Best Local Similarity 100.0%;
Matches 6; Conservative (
                                                      Matches
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Best Local Similarity
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                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 617-720-3500
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LENGTH: 206 amino acid
             147 RGGAPR 152
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TITLE OF INVENTION: LL-1 TUMOR SPECIFIC GENES
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| 109 VLALPA 114
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57 RGGAPR
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                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                             NAME: Van Amsterdam, John R
REGISTRATION NUMBER: 40,212
                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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                                                     Conservative
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De Smet, Charles
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                                                                                                                                                linear
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                                                                  DB 2; Le
b. 2.5e+02;
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o. 2.4e+02;
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RESULT 24 US-08-840-683-8

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US-08-513-974B-315
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Best Local Similarity
Matches 6; Conserv
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INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
APPLICANT:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/840,683
FILING DATE: 29-APR-1997
                                                                        ADDRESSEE: DIKE, BRO
                                                                                                    TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN, TITLE OF INVENTION: PRODUCTION, AND USE THEREOF NUMBER OF SEQUENCES: 380
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FRAGMENT TYPE:
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PRIOR APPLICATION NUMBER:
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APPLICANT: Chen, Jason J.
TITLE OF INVENTION: E6-BINDING PROTEINS
NUMBER OF SEQUENCES: 17
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ATTORNEY/AGENT INFORMATION:
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                                         CITY:
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REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: NE
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CITY: Boston
COUNTRY: USA
ZIP: 02109
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                             STATE: MA
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Ohtaki, Tetsuya
Fukusumi, Shoji
Ohgi, Kazuhiro
                                                       E: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
130 Water Street
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SYSTEM: PC-DOS/MS-DOS
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N-terminal
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08-JUL-1994
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b. 2.6e+02;
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US-08-513-974B-364; Sequence 364, Application US/08513974B; Patent No. 6111139
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Best Local Similarity
****ches 6; Conserv
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MOLECULE TYPE:
US-08-513-9748-315
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                                                                                                       15 VLALPA 20
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|117 VLALPA 122
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LENGTH: 223 amino act
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION: NAME: Resnick, David S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
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FILING DATE: 20-JAN-1995
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OPERATING SYSTEM: PC-DOS/MS-DOS
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28-DEC-1994
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GENERAL INFORMATION:
APPLICANT: Hinuma

Hinuma, Shuji

QУ

15 VLALPA 20

117 VLALPA 122

Query Match
Best Local Similarity 100
Matches 6; Conservative

Score 6; Pred. No. Mismatches

DB 4; Le o. 2.6e+02;

Length 223; Indels

0;

Gaps

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TELEFAX: 617-523-6440
NFORMATION FOR SEQ ID NO:
                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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MOLECULE TYPE: peptide
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                    TOPOLOGY:
                                STRANDEDNESS
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OPERATING SYSTEM: PC-DOS/MS-DOS
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14-SEP-1995
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US-08-513-974B-368
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FILING DATE: 11-AUG-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: Floppy
                                              FILING DATE: 11-AUG-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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FILING DATE: 10-AUG-1995
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OPERATING SYSTEM:
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Fujii, Ryo
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Best Local S
Matches 6
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"""hes 6; Conservative
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GENERAL INFORMATION:
APPLICANT: Northwestern University
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INFORMATION FOR SEQ ID NO: 368:
SEQUENCE CHARACTERISTICS:
LENGTH: 223 amino acids
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TITLE OF INVENTION: Herpes Virus Entry Mediator
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSE: Dressler, Goldsmith, Milnamow & Katz,
STREET: 180 N. Stetson, Suite 4700
                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: NOrthrup, Thomas E.
REGISTRATION NUMBER: 33,268
REFERENCE/DOCKET NUMBER: NOR3446P020PC
TELECOMMUNICATION INFORMATION:
TELEPAX: (312) 616-5460
TELEFAX: (312) 616-5460
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MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-523-3400
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165 CPPGTF 170
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                                                              Conservative
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100.0%; Pr/
'''a 0;
                                                           3.5%; Score 6; DB 100.0%; Pred. No. 3.7
tive 0; Mismatches
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); Pred. No. 2.6
0; Mismatches
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                                                                            DB 5; L
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                                                                                           Length 283;
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5198342-2
;Patent No. 5198342
;Patent No. 5198342
; APPLICANT: MALIISZEWSKI, CHARLES R.
; TITLE OF INVENTION: DNA ENCOGING IGA FC RECEPTORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; MOLECULE TYPE: protein US-07-971-092-2
                                                                                                                                   5198342-2
                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 6; Conserv?
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US-07-971-092-2
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                                                                                                                                                               SEQ ID NO:2:
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Patent NO. 5328997
GENERAL INFORMATION:
APPLICAMT: Maliszewski, Charles R.
TITLE OF INVENTION: HutgA Fc Receptor
NUMBER OF SEQUENCES: 2
                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: AMINO ACID
TOPOLOGY: lin-
WOLECHT
                                                                                                                                                                                                         NUMBER OF SEQUENCES: 9
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/971,092
FILING DATE: 19921104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 51 Univ
CITY: Seattle
STATE: WA
                             11 LLCLVL 16
                                                          Local Similarity
les 6; Conserv
                                                                                                                                                                           FILING DATE: 05-JUL-1990
                                                                                                                                                                                                                                                                                                                                                            11 LLCLVL 16
                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Perkins, Patricia A. REGISTRATION NUMBER: 34693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 98101
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                                                                                                                                              LENGTH: 287
8 LLCLVL 13
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                                                                                                                                                                                                                                                                                                                                                                                                     3.5%; Score 6; DB 1; Le ilarity 100.0%; Pred. No. 3.2e+02; Conservative 0; Mismatches 0;
                                                          Conservative
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                                                      100.0%; Pr
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                                                                        Score 6;
Pred. No.
                                                          Mismatches
                                                                       DB 6; L
                                                                                   Length 287;
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RESULT 31 US-08-555-722-8

Sequence 8, Application US/08555722 Patent No. 5989804

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US-08-602-359A-34
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; MOLECULE TYPE: protein
US-08-555-722-8
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Character 6; Conservative
                                                                                                                                                                                                                                                                                                                             Sequence 34, Application US/08602359A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Androphy, Elliot J.
APPLICANT: Chen, Jason J.
TITLE OF INVENTION: E6-BINDING PROTEINS
NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (617) 227-594
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                tent No.
                                                                                             NUMBER OF SEVENIESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: FISH & RICHARDSON P.C.
ADDRESSEE: FISH & RICHARDSON P.C.
                                                                                                                                                                                                          APPLICANT:
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Myers, Louis
REGISTRATION NUMBER: 35,965
                                                                                                                                  NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (617) 227-7400
                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/555,722 FILING DATE: 14-NOV-1995 CLASSIFICATION: 514
                                            COUNTRY: UZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                                     LA JOLLA
                                                                        CALIFORNIA
                                                          USA
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                                                                                                                                                                                           SWANSON, Ronald V. WARREN, Patrick V.
                                                                                                                                                                                                                        LINK, Steven
                                                                                                                                                                                                                                       MAFFIA, Anthony
                                                                                                                                                                                                                                                     REID, John
                                                                                                                                                                                                                                                                     MURPHY,
                                                                                                                                                                                                                                                                                    ROBERTSON, Daniel E
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b. 3.5e+02;
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Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 346 AMINO ACID
                                                                    CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: PCT/JP
APPLICATION NUMBER: PCT/JP
FILING DATE: 10-AUG-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: HALLE, LISA A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09
                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: DIKE, BRONSTEIN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 346 AMINO ACIDS
TYPE: AMINO ACID
TOPOLOGY: LINEAR
MOLECULE TYPE: PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WORD PERFECT CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ohgi, Kazuhiro
TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN,
TITLE OF INVENTION: PRODUCTION, AND USE THEREOF
NUMBER OF SEQUENCES: 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION
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                                                     FILING DATE:
                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                    COUNTRY: U:
ZIP: 02109
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                                                                                                                                                                                                                                                                                                                                                                                        Boston
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                                                                                                                                                                                                                                                                                                                                                                                                         130 Water Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Fujii, Ryo
Ohtaki, Tetsuya
Fukusumi, Shoji
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                                                     19-AUG-1995
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ИВЕR: JP 7-057186
L6-MAR-1995
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                                                                        JP 7-093989
                                                                                                                             PCT/JP95/01599
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b. 3.8e+02;
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 7-007177

20-JAN-1995

APPLICATION NUMBER:

28-DEC-1994

JP 6-326611

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Best Local Similarity
6; Conserva
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                                                                                                                                                                                                                                                                                                  Sequence 323, Application US/08513974B Patent No. 6114139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 617-523-6440 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                           15 VLALPA 20
||||||
| 189 VLALPA 194
                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION NUMBER: JP 6-236356
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                           NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                          TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR PROTEIN, TITLE OF INVENTION: PRODUCTION, AND USE THEREOF
                                                                                                                                                                                          APPLICANT:
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REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: JP 6-
FILING DATE: 11-AUG-1945
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FILING DATE: 30-SEP-1994
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FTI.TNG DATE: 02-NOV-1994
                                  COUNTRY: U
                                                                                            STREET:
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                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                   INFORMATION:
                                                                               Boston
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                                                  USA
                                                                                            130 Water Street
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Ohgi, Kazuhiro
                                                                                                                                                                                                                                               Hinuma, Shuji
Hosoya, Masaki
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                                                                                                            DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
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11-AUG-1994
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RESULT 35
US-09-172-353-2
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                                                                    Sequence: 2, Application US/09172353 Patent No. 6197530
                                                      GENERAL INFORMATION:
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Best Local Similarity

Matches 6; Conserv
                   APPLICANT: Stricker-Kongra, Alain APPLICANT: Gu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 617-523-6440
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
TITLE OF INVENTION: GPR10 AS A TARGET FOR IDENTIFYING WEIGHT MODULATING COMPOUNDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 45
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/O:
FILING DATE: 14-SEP-1995
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 6-
FILING DATE: 11-AUG-1994
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FTILING DATE: 30-SEP-1994
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OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                amino acid
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617-523-6440
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Pred. No. 4e+02;
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Mismatches
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Query Match
Best Local Similarity
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US-09-172-353-5
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; ORGANISM: Mus musculus
US-09-172-353-3
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: LENGTH: 370
TYPE: PRT
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
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Best Local Similarity
Matches 6; Conserv
Query Match 3.5%;
Best Local Similarity 100.0%;
Matches 6; Conservative
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CURRENT APPLICATION NUMBER: US/09/172,353
CURRENT FILING DATE: 1998-10-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: GPR10 AS A TARGET FOR IDENTIFYING WEIGHT MODULATING COMPOUNDS FILE REFERENCE: 07334/102001
CURRENT APPLICATION NUMBER: US/09/172,353
CURRENT FILING DATE: 1998-10-14
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                                                                                                                                                                                                                                          TITLE OF INVENTION: GPR10 AS A TARGET FOR IDENTIFYING WEIGHT MODULATING COMPOUNDS
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| 189 VLALPA 194
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Pred. N
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                   No.
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LENGTH: 370
TYPE: PRT
ORGANISM: Mus musculus
US-09-172-353-7
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Best Local Similarity
"hes 6; Conserva
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APPLICANT: Riley, Lee W.
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CURRENT APPLICATION NUMBER: US/09/172,353
CURRENT FILING DATE: 1998-10-14
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STREET: Nochester
GTATE: New York
                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 6:
FILING DATE: 06-MAY-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
              TELECOMMUNICATION INFORMATION:
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                               REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/491
                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                     OPERATING SYSTEM:
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TELEPHONE:
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                                                                Goldman, Michael
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SYSTEM: PC-DOS/MS-DOS
(716)
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ive 0; Mismatches
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                                                                                                                 60/045,688
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o. 4e+02;
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US-08-448-722A-4
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-067-626-4
                                                                                                                          US-08-448-722A-4
                                 Query Match
Best Local Similarity 100.
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Best Local Similarity 100.
"The 6; Conservative
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GENERAL INFORMATION:
APPLICANT: Altieri, Dario C.
TITLE OF INVENTION: NO. 6072028e.
TITLE OF INVENTION: Compositions
                                                                                                                                                                                                           TELEPHONE: (619) 784-2937
TELEFAX: (619) 784-9399
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 28-JAN-1994
                                                                                                                                         MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                                                                                                              KEGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: 233.1 Divl
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy disk
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                         130 ASCPPG 135
 3
                                                                                                                                                                                                                                                                                           NAME: Fitting, Thomas REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/448,722A FILING DATE: 25-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 10550 No. 6072028th Torrey Pines Road, TPC-8 CITY: La Jolla STATE: CA
                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
ASCPPG 48
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                                                                                                                                                                                                                                                                                                                                                                                                                                        PatentIn Release #1.0, Version #1.25
                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Office of Patent Counsel, The Scripps Research Institute
                                                                                                                                                                                                                                                      (619) 784-2937
                                                                                                                                         internal
                                                                                                                                                     protein
                                                3.5%; 50
100.0%; Pr
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100.0%; Pr
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No. 6072028el Cell Surface Receptor, Antibody Compositions, and Methods of Using Same 5
                                                                                                                                                                                                                                                                                                                                                     US 08/189,309
                                                     b; Score 6; DB 3
b; Pred. No. 4.6
0; Mismatches
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                                               No. 4.6e+02;
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                                                                               Length 427;
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                                                      Indels
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Query Match
Best Local Similarity
"~+~hes 6; Conserva
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US-09-073-569-2
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                                                                      GENERAL INFORMATION:
APPLICANT: Sheppard, Par
APPLICANT: Grossmann, Ar
TITLE OF INVENTION: NOVI
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
                                                                                                                                                                        Sequence 2, Application US/09073569 Patent No. 6084088
                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 434
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Masiakowski, Piotr
TITLE OF INVENTION: No. 6080276el Orphan Receptors
                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/09120601
Patent No. 6207413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/09012072 Patent No. 6060276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: REG 630
CURRENT APPLICATION NUMBER: US/09/012,072
CURRENT FILING DATE: 1998-01-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/120,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EARLIER APPLICATION NUMBER: 09/012,072 EARLIER FILING DATE: 1998-01-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: No. 6207413el Orphan Receptors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: REG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Masiakowski, Piotr
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
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||||||
230 PGLSLL 235
STREET: LECTOR STREET: Seattle
                                                                                                                                                                                                                                                                    230 PGLSLL 235
                                        ADDRESSEE: ZymoGenetics, Inc. STREET: 1201 Eastlake Avenue East
                                                                                                                                                                                                                                                                                                    7 PGLSLL 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-07-22
                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                        Sheppard, Paul O
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NOVEL TUMOR ANTIGENS
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100.0%; Pred. No. 4.
Live 0; Mismatches
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Pred. No.
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o. 4.6e+02;
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o. 4.6e+02;
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COMPUTER READABLE FORM:

MEDIUM TYPE:

IBM Compatible

Diskette

COUNTRY:

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                                                                                                                                 ; TYPE: PRT
; ORGANISM: HUMAN
US-09-120-601-6
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                                                                        Query Match
Best Local :
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Best Local
                                                          Matches
                                                                                                                                                                                          SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/09120601 Patent No. 6207413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                    CURRENT FILING DATE: 1998-07-22 EARLIER APPLICATION NUMBER: 09/012,072
                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/120,601
                                                                                                                                                                                                                                                                                               APPLICANT: Masiakowski, Piotr
TITLE OF INVENTION: No. 6207413el Orphan Receptors
FILE REFERENCE: REG 630
                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                      EARLIER FILING DATE: 1998-01-22
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                                                                                                                                                                             LENGTH: 448
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 437 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
244 PGLSLL 249
                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                92 GPGLSL 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Sawislak, Deborah A REGISTRATION NUMBER: 37,438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
                             7 PGLSLL 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/073,569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6 GPGLSL 11
                                                          6
                                                                                                                                                                                                           PatentIn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity 100 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  206-442-6678
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                                                                                       Score 6;
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                                                                         Pred.
                                                          Mismatches
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                                                                         No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .7e+02;
                                                                         .8e+02
                                                                                    Length 448;
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RESULT 45

NFORMATION FOR SEQ

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US-08-425-989B-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO:7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 11, Application US/08425989B Patent No. 5849699
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/
FILING DATE: 08-DEC-1989
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
                                                                                             FILING DATE: 24-JAN-1989 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Bayer Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: PLAANT PROMOTER a-GLUCURONIDASE GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
             TELEPHONE: (203) 812-2786
                                                                                                                                             APPLICATION NUMBER: 08/005
FILING DATE: 15-JAN-1993
APPLICATION NUMBER: 07/449
FILING DATE: 21-DEC-1989
APPLICATION NUMBER: 07/445
FILING DATE: 13-DEC-1989
                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 400 ...
CTTY: West Haven
CTTY: Onnnecticu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Soluble Molecule Related to but TITLE OF INVENTION: Distinct from ICAM-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       163 VAGPSL 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      212 VAGPSL 217
                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 119,102 FILING DATE: 10-NOV-1987 APPLICATION NUMBER: 264,586
                                                REFERENCE/DOCKET NUMBER:
                                                                 REGISTRATION NUMBER:
                                                                                                                               FILING DATE: 13-DEC APPLICATION NUMBER:
                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/1 FILING DATE: 22-NOV-1993
                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                   SOFTWARE:
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                                                                               Barbara A. Shimei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Connecticut
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    400 Morgan Lane
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   McClelland, Alan
(203) 812-5492
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                                                                                                                                                                                                                                                                                                                                                                                IBM ThinkPad 760ED
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                                                               29,862
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Pred. No. 4.8e+02;
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application PC/TUS9401101 GENERAL INFORMATION:
                                                      TELEFAX: 617/720-2441
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DESCRIPTION: pro
HYPOTHETICAL: no
ORIGINAL SOURCE:
                                                                                                                                                                                                                      FILING DATE: FILED H
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: HIGH MOLECULAR WEIGHT B
TITLE OF INVENTION: FACTOR: INTERLEUKIN-14
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C.
                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                          ATTORNEY/AGENT INFORMATION: NAME: GATES, EDWARD R.
 OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PPLICANT:
                                                                                                                                         NAME: GATES, EDWARD R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: B0
                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  17 ALPALL 22
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OTHER INFORMATION:
                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION:
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                TYPE: amino acid
TOPOLOGY: linear
                                                                                                          TELEPHONE:
                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: SICAM-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  9 ALPALL 14
                                                                                                                                                                                                                                                                                                                                                                                    02210
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MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 480 amino acid residues amino acid
                                             498 amino acids
                                                                                           E: 617/720-3500
617/720-2441
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E: epithelial
E: HeLa cells
                                                                                                                                                                                                                                                                                                                                                                                                                                             600 ATLANTIC AVENUE
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protein
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100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HIGH MOLECULAR WEIGHT B-CELL GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       amino acid sequence identical to ICAM-1 protein sequence except for residue 442, which is Lys rather than Glu, and residues 443-453, which is novel sequence due to alternative splicing
                                                                                                                                                                                                                      US 08/005,156
                                                                                                                                                                                                                                                                    PCT/US94/01101
                                                                                                                                           B0819/7000WO
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Matches 6; Conserv
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                                                                                                                                                                                         TELEX: 434-363
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/2:
FILING DATE: 19-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: COllins, Jöhn M.
REGISTRATION NUMBER: 2626
                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/789,07
FILING DATE: 03-FEB-1997
                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
TELEPHONE: (816)474-9050
                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: YOURGENAL SOURCE
                                                                                                           MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 1
                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: ICAM-1/LFA-1 PEPTIDES FOR INDUCING TITLE OF INVENTION: IMMUNE TOLERANCE
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OTHER INFORMATION: OTHER INFORMATION:
                                                                               CELL TYPE:
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                             LOCATION:
                                         NAME/KEY:
                                                                    CELL LINE: HL-60
                                                                                                ORGANISM:
                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                       TELEFAX: 816)474-9057
                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
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                                                                                                                                                                 ENGTH:
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                             Region
1..25
                                                                                             Homo sapiens
                                                                                                                                     both
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                                                                                  T-cell
                                                                                                                       protein
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/label= Signal
/note= "Signal sequence"
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o. 5.2e+02;
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Query Match
Best Local Similarity
Thes 6; Conserv
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US-08-752-633-3
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COUNTY COUNTY COUNTY COUNTY COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
COUNTY COUNTY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   equence 3, Applic
atent No. 5863889
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Chan, MAI
APPLICANT: Tibbetts,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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DATE: 1993
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TITLE: I
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                                                                                                                                                                                                                                                   STREET: 1101 Walnucity: Kansas City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         RRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COCATION:
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ICAM-1 Amino acid sequence (from HL-60)
:: The Adhesion Molecule Facts Book
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                                                                                                                                                                                                                                                                                            1101 Walnut St
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413..461
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VENTION: ICAM-1
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325..375
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/note= "Cell attachment site"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Stephen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                /LFA-1 PEPTIDES FOR INDUCING
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Pred. No.
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         Version #1.25
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5.5e+02;
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17 ALPALL

22

Conservative

100.0%; P tive 0;

Indels

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Gaps

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Query Match
Best Local Similarity
6; Conserv
                                                                         ; RELEVANT RESIDUES US-08-752-633-3
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                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY:
                                                                                                           JOURNAL: The A
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                                                                                                    PAGES: 75-7
DATE: 1993
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CLASSIFICATION:
                                                                                                                    AUTHORS: Power,
TITLE: ICAM-1 Amino acid sequence (from HL-60)
JOURNAL: The Adhesion Molecule Facts Book
                                                                                                                                                                                                                                                               NAME/KEY: Duplication LOCATION: 481..503 OTHER INFORMATION: /la
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CT-US95-04886-3

Application PC/TUS9504886

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Sequence 3, Applicati
GENERAL INFORMATION:
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NAME/KEY: Region
LOCATION: 1..25
OTHER INFORMATION:
OTHER INFORMATION:
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NFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 531 amino acid
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Collins, John M.
REGISTRATION NUMBER: 26262
REFERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens CELL TYPE: T-cell CELL LINE: HL-60
                                               NAME/KEY: Region LOCATION: 325..375
OTHER INFORMATION:
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TYPE: amino acid
TOPOLOGY: both
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Best Local Similarity
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TITLE: ICAM-1 Amino acid sequence (from HL-60)
JOURNAL: The Adhesion Molecule Facts Book
PAGES: 75-75
DATE: 1993
RELEVANT RESIDUES IN SEQ ID NO: 3: FROM 1 TO 5
PCT-US95-04886-3
Search completed: May 23, 2001, 16:05:43 Job time: 635 sec
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Copyright (c) 1993 - 2000 Compugen
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equence 11, Applequence 2, Applequence 108, Apequence 108, Apequence 4, Applequence 4, Applequence 2, Applequence 2, Applequence 2, Applequence 4, Applequence 4, Applequence 4, Applequence 4, Applequence 4, Applequence 4, Applequence 6, Applequen	equence 12 equence 66 equence 66 equence 11 equence 1 equence 20 equence 20 equence 66 equence 66 equence 66 equence 20 equence 67 equence 20 equence 67 equence 21	equence 133 equence 69 equence 69 equence 69 equence 7, equence 10 equence 26 equence 26 equence 26 equence 26	equence 1 equence 2 equence 3 equence 6 equence 6 equence 6 equence 3 equence 3 equence 2 equence 1 equence 1 equence 2	7, aa, baaaaaaaaaaaaaaa
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RESULT 1
US-08-794-796-2
                                                                                                             Query Match
Best Local
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                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 300 amino acid
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ADDRESSEE: SmithKline
STREET: 709 Swedeland
CITY: King of Prussia
                                                                                                                                                                                                                                                                                         TELEPHONE: 610-270-5219
                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Han, William T
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/01
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Tumor Necrosis Related Receptor, TITLE OF INVENTION: TR4
NUMBER OF SEQUENCES: 2
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APPLICANT:
                                                                                                                                                                             MOLECULE TYPE:
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 61
                       61 PCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFF 120
                                                                                                   Local Similarity nes 300; Conserv
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TOPOLOGY: 11
                                                                                                                                                                                                                 TYPE: amino acid
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SOFTWARE: FastSE(
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                                                PCRRDSPTTCGPCPPRHYTQFWNYLERCRYCNVLCGEREEEARACHATHNRACRCRTGFF
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           Query Match
Best Local Similarity
Matches 8; Conserv
                                                                                    TOPOLOGY: 1i
MOLECULE TYPE:
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                                                                                                             STRANDEDNESS:
                                                                                                                            TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE:
                                                                                                                                      LENGTH:
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2.7%; Score 8; DB 100.0%; Pred. No. 1. tive 0; Mismatches

DB 3; . 1.2;

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/938,544
FILING DATE: 26-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION NUMBER: 08/820,519
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
APPLICATION TOWNER: 60/033,604
FILING DATE: 17-DEC-1997
APPLICATION TOWNER: 107-DEC-1997
APPLIC
                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM CO
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 41 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LNVPGSSSHDTLCTSCTGFPLSTRVPGAEECERAVIDFVAFQDISIKRLQRLLQALEAPE
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                                                                                                                                   amino acid
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                                                                                                                                                                                    28 amino acids
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Wilson, Shelagh
Brooks, David
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RESULT 4
US-08-938-548B-12
; Sequence 12, Application US/08938548B
; Patent No. 6001963
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Patent No. 6001
                                                                                                                                                       Matches
                                                                                                                                                                 Query Match
Best Local Similarity
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SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
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                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Elizabeth J. Hecht
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FASTSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
                                                                                                                                                                                                                                           TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
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                                                                                                                       228 RLQRLLQA 235
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                                                                                                                                                                                                                                                                       LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: ATCLECOMMUNICATION TATCLECOMMUNICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 26-SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: DOS
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                                                                                           10 RLQRLLQA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RLQRLLQA 17
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                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                             linear
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ON: 536
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17-DEC-1997
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100.0%; Pr
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                                                                                                                                      Patent No.
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Best Local 9
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                                                                              APPLICANT:
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US-08-938-548B-10
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                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 41,824

REFERENCE/DOCKET NUMBER: ATG50037-2

TELEPHONE: 610-270-5009

TELEPHONE: 610-270-5009
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MEDIUM TYPE: Diskett
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ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: 08/887,382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                        228 RLQRLLQA 235
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FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
                                                                                                                                                                                                                                                                                                         Local Similarity
nes 8; Conserv
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CLASSIFICATION: 536
                                                                                                                                                                                                                                        10 RLQRLLQA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Elizabeth J. Hecht
REGISTRATION NUMBER: 41,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM:
                                                                                                                                        6001963
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                                                  Wilson, Shelagh
Brooks, David
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Wilson, Shelagh
                                                                                    Bergsma, Derk
Gellai, Miklos
/ENTION: NOVEL LIGANDS OF THE NEUROPEPTIDE
                                                                                                   Yanagisawa, Masashi
                                                                                                                                                                                                                                                                                                           Conservative
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9 Swedeland
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                                                                                                                                                                                                                                                                                                                         2.7%; Score 8;
100.0%; Pred. No
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Mismatches
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ADDRESSEE: SmithKline

ADDRESSEE: Sinitum...
709 Swedeland
77955ia

Road

Beecham Corporation

STREET: //טע שיינים CITY: King of Prussia

United States of America

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Query Match
Best Local Similarity
Thes 8; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                              NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/887,382
FILING DATE: 2-JUL-1997
PRIOR APPLICATION DATA:
                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 610-270-5009
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/820,519
FILING DATE: 19-MAR-1997
APPLICATION NUMBER: 60/033,604
FILING DATE: 17-DEC-1997
                                      COUNTRY:
                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 41 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 26 CLASSIFICATION:
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                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                             No.
                            19406
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6001963
                                                                   King of Prussia
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                                                                                E: SmithKline Beecham Corporation 709 Swedeland Road
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                                        United States
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                                                                                                                                                                                                    Wilson,
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                                                                                                                                          NOVEL LIGANDS OF THE NEUROPEPTIDE RECEPTOR HFGAN72
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FP:
                                         of America
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; MOLECULE TYPE:
US-08-938-548B-6
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08
FILING DATE: 26-SEPT-1997
                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: ATC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-509
TELEPAX: 610-270-500
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             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
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ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                      COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                    ADDRESSEE: SmithKline
STREET: 709 Swedeland
CTTY: King of Prussia
                               CLASSIFICATION:
                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            78 RLQRLLQA 85
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APPLICATION NUMBER:
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                                                                                                                                                                                        United States
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                                                                                            FastSEQ for Windows Version 2.0
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100.0%; Pr
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                                                              US/08/938,548B
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                                                                                                                                                                                                                                        Road
                                                                                                                                                                                          of America
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FILING DATE: 2-JUL-1997 PRIOR APPLICATION DATA:

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US-08-313-288B-19
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Best Local Similarity 100.
8; Conservative
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                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPUTER: COMPUTER: COMPUTER: DATEN: PC-DOS/MS-DOS SOFTMARE: PATENTIA Release #1.0, Ver CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/313,288B FILING DATE: January 5, 1005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEPAX: (212) 391-0526
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                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Jessell, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 41,824
REFERENCE/DOCKET NUMBER: ATT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
   OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           228 RLQRLLQA 235
              TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                      CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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                                                            LENGTH:
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New York
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                                                              1172 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       131 amino acids
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1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       610-270-5090
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                                                                                                                                                                                                                                    January 5, 1995
N: 435
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peptide
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100.0%; Pr
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CLONING, EXPRESSION AND USES OF A
NOVEL SECRETED PROTEIN, F-SPONDIN
                                                                                                                                                                                                                                                                                               Release #1.0, Version #1.30
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Pred. No.
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                                                                  Patent No. 5612454
GENERAL INFORMATION:
                                                                                               Sequence 25,
                                                                                                                                                                                                                         Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: 4472 amino aci
        APPLICANT: Iida, Toshii
APPLICANT: Tajima, Masahiro
TITLE OF INVENTION: Process
                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Plant, Thomas, G.
REGISTRATION NUMBER: 35,784
REFERENCE/DOCKET NUMBER: X-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: THOMAS G. PLANT 150
STREET: LILLY CORPORATE CENTER
                                                                                                                                                                    4424 LRRRLTEL 4431
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MOLECULE TYPE:
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NUMBER OF SEQUENCES:
                                                      APPLICANT:
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                                                                                  5, Application US/07776272
5612454
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                                                   Kaminuma, Toshihiko
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N: 435
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100.0%;
          Process for Purification
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Pred. No.
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o. 33;
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           of Polypeptide
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GENERAL INFORMATION:
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                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                               CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                   SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN;
ADDRESSEE: CUSHMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: HYPOTHETICAL:
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ATTORREY/AGENT INFORMATION:
NAME: Player, william E
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: P-450-23167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/776,272
FILING DATE: 19911129
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: SUZUKI, No. 5486472uhiro
APPLICANT: KITADA, Chieko
APPLICANT: TSUDA, Masao
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 26 amino acids
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ADDRESSEE: Wegner, Cantor, Mueller & Player
STREET: 1233 20th St. N.W. P.O. Box 18218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELLEFAX: 20
TELEFAX: 440706
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CITY: Washington
STATE: District of Columbia
STATE: United States of America
                                                                                                                                                                                                                                                     STREET: 130 W
CITY: Boston
STATE: Massac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                228 RLQRLLQ 234
NAME: RESNICK, David S
REGISTRATION NUMBER: 34235
                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17 RLQRLLQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                      FILING DATE:
                                                                                      APPLICATION NUMBER:
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                                                                                                                                                                                                                                 COUNTRY:
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100.0%; Pred. No.
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                                                                                                                           Version #1.25
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Best Local S
Matches 7
                            Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (617)523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                             TELEFAX: (503) 228-9446 INFORMATION FOR SEQ ID NO: 4 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION: NAME: POLLEY, RICHARD J
                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 97204-2988
COMPUTER READABLE FORM:
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TELEPHONE: (617)523-3400
TELEFAX: (617)523-6440
                                                                                         MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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    Local Similarity
les 7; Conserv
                                                                                                    STRANDEDNESS:
TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: ONE WORLD TRAISTREET: SALMON STREET
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                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
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                                                                                                                                               LENGTH:
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                                                                                                                                              27 amino acids
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McRory, John E
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                                                                                                      linear
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100.08;
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100.0%; Pr
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                No.
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                   DB 1;
0. 9.3;
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5. 9.3;
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US-08-818-253-36
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              Sequence 36, Application US/0818253
Patent No. 5998204
GENERAL INFORMATION:
APPLICANT: Tsien, Roger Y.
APPLICANT: Miyawaki, Atsushi
TITLE OF INVENTION: DETECTION OF
                                                                                                                                                                                                                                                                                                    Query Match
Best Local :
                                                                                                                                                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/224488
FILLING DATE: 07-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: SEMINAUER, JEFFREY A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 27 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 31,933
REFERENCE/DOCKET NUMBER: 44
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patenth Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
STREET: 1100 NEW YORK AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: YASUKO, NODA
APPLICANT: ISRAEL, RUBINSTEIN
TITLE OF INVENTION: A METHOD OF DELIVERING A VASOACTIVE
TITLE OF INVENTION: INTESTINAL POLYPEPTIDE, AND A METHOD
TITLE OF INVENTION: ENCAPSULATED VASOACTIVE INTESTINAL P
                                                                                                                                                                                                                                                228 RLQRLLQ 234
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                                                                                                                                                                                                                                                                                 Local Similarity
nes 7; Conserv
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linear
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100.0%;
FLUORESCENT PROTEIN SENSORS FOR DETECTION OF ANALYTES 61
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Pred. No.
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Best Local Similarity
---ches 7; Conserve
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                                                                                                                                         ; ORGANISM: Sus scrofa US-08-818-252-36
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                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 56
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 36
LENGTH: 27
                                                           Query Match
Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3 Patent No.
                                                                                                                                                                                                                                                                                   APPLICANT: Tsien, Roger Y.
APPLICANT: Miyawaki, Atsushi
TITLE OF INVENTION: FLUORESCENT PROTEIN SENSORS
TITLE OF INVENTION: DETECTION OF ANALYTES
FILE REFERENCE: 07257/042001
                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/818,252B CURRENT FILING DATE: 1997-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
SEQUENCE 27 amino acids
                                                                                                                                                                           TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07257/043001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION TOTAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 2.0b CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/818,253
FILING DATE: 14-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Haile, Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                             228 RLQRLLQ 234
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OPERATING SYSTEM:
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STREET: 4225 Executive Square,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
18 RLORLLO 24
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                                                               Conservative
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SYSTEM: Windows 95
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100.0%; Pred. No. 9.
Tative 0; Mismatches
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US-08-374-843B-6
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILLING TEATION: 4.5 CLASSIFICATION: ATTORNEY/AGENT INFORMATION: NIMBER: 22,592
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/583,569
                                                                                                                                                                                                            APPLICANT: DeMuth, Donald R. APPLICANT: Lally, Edward T. TITLE OF INVENTION: COMPOSITI
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                      NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy
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ADDRESSEE: Hamilton, Brook,
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                           159 SASSSSS 165
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                                                        COUNTRY:
                                                                                                         STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: Two Mil:
CITY: Lexington
STATE: Massachus
                                      ZIP: 19103-2398
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                                                                                                       1601 Market Street, 36th Street
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                                                        USA
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                                                                                                                                                                            COMPOSITIONS AND METHODS FOR DIAGNOSIS.
OF DISEASES ASSOCIATED WITH ACTINOBACILLUS
ACTINOMYCETEMCOMITANS INFECTION
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Mismatches
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o. 22;
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Best Local Similarity
Technology 7; Conserv:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Leary, Kathiryn Ph.D.
REGISTRATION UNMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596
TELEOMMUNICATION INFORMATION:
TELEPHONE: (215) 567-2020
TELEFAX: (215) 567-2991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                       NFORMATION FOR SEQ ID NO:
                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, VeCURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/374,843B
FILING DATE: 18-JAN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
SEQUENCE CHARACTERISTICS:
LENGTH: 150 amino acid
                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 567-2020 TELEFAX: (215)567-2991
                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: DeMuth, Donald I
APPLICANT: Lally, Edward T
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                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Philadelphia
                                                                                                                             NAME: Leary, Kathryn Ph.D. REGISTRATION NUMBER: 36,317 REFERENCE/DOCKET NUMBER: 955
                                                                                                                                                                                                                                                                                             OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                  COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE: 18-JAN
                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                       19103-2398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 150 amino acids
amino acid
                                                          831-49
                                                                                                                                                                                                                                                                                                                                                                                                       Pennsylvania
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                                                                                                                                                                                                                                                                                                                                                                                                                                           1601 Market Street,
150 amino acids
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                                                                                                                                                                                                                                                                            Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                             IBM PC compatible PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                           PANITCH SCHWARZE JACOBS & NADEL, P.C
01 Market Street, 36th Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     18-JAN-1995
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EM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OF DISEASES ASSOCIATED WITH ACTINOBACILLUS ACTINOMYCETEMCOMITANS INFECTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Donald R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.3%; Score 7; DB 1; 100.0%; Pred. No. 43; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPOSITIONS AND METHODS FOR DIAGNOSIS
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                                                                                                                               9596-7 (F-1080)
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; MOLECULE TYPE:
US-08-374-843B-10
RESULT 20
US-08-905-420-10
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                                                                                                          Query Match
Best Local Similarity
Thes 7; Conserv
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US-08-905-420-6
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Best Local Similarity 100.
Conservative
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                                                                                                                                                                                                                                                                                        TELEX: 831-494
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 36,317

TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 567-2020
TELEPAX: (215) 567-2991
TELEX: 831-404
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                             STRANDEDNESS:
TOPOLOGY: 11r
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 18-JAN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
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APPLICANT: Lally, Edward
ITITLE OF INVENTION: COMPO
ITITLE OF INVENTION: OF DI
ITITLE OF INVENTION: ACTIN
                                                             133 LRRRLTE 139
                                                                                           257 LRRRLTE 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               257 LRRRLTE 263
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
                                                                                                                                                                                                                                                                         LENGTH:
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                                                                                                                                                                                                                                                         amino acid
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1601 Market Street, 36th Floor
                                                                                                                         Conservative
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linear
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                                                                                                                     100.08; 1.
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OF DISEASES ASSOCIATED WITH ACTINOBACILLUS
ACTINOMYCETEMCOMITANS INFECTION
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                                                                                                                        Score 7; DB ; Pred. No. 43 0; Mismatches
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Pred. No.
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o. 43;
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Best Local Similarity
Watches 7; Conserve
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                                                                                                                                                                                                                                                                      Sequence 6, Patent No.
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ZIP: 19103-2398
ZIP: 19103-2398
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPATIBLE OFFICE PC-DOS/MS-DOS
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SEQUENCE CHARACTERISTICS:
LENGTH: 150 amino acid
TYPE: amino acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 567-2020
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APPLICATION NUMBER:
FILING DATE: 18-JAN-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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APPLICANT: Lally, Edward T.
TITLE OF INVENTION: COMPOSI
TITLE OF INVENTION: OF DISE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: Leary, Kathryn Ph.
                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                         TITLE OF INVENTION:
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CORRESPONDENCE ADDRESS:
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                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                               133 LRRRLTE 139
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COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                    STREET:
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                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                      , Application US/08185432 5750652
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5861255
                                   New York
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amino acid
GY: linear
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                  New York
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                                                  E: PENNIE & EDMONDS
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (215)567-2991
                                                                                                                                                                                             Diederich, Robert J.
                                                                                                                                                                                                                  Busseau,
                                                                                                                                                                                                                               Artavanis-Tsakonas, Spyridon
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                             Matsuno,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.3%;
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ACTINOMYCETEMCOMITANS INFECTION
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                                                                                                                         DELTEX PROTEINS, NUCLEIC ACIDS, AND ANTIBODIES, AND RELATED METHODS AND COMPOSITIONS
                                                                                                                                                                                                                     Isabelle
                                                                                                                                                               Kenji
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COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk

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Query Match
Best Local Similarity
7; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: unknown MOLECULE TYPE: protein
                                            APPLICATION NUMBER: GB 9522302.0 FILING DATE: 31-OCT-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Smith, John Arthur APPLICANT: Wilkinson, Mark Charles APPLICANT: Liu, Qing-ming TITLE OF INVENTION: Casein Fragment TITLE OF INVENTION: Activity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 73
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION: NAME: Misrock, S. Leslie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                              FILING DATE: 31-OCT-1996 PRIOR APPLICATION DATA:
                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           159 SASSSSS 165
                                                                                                               APPLICATION NUMBER: FILING DATE: 31-009
                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                STREET: Two _______CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              40 SASSSSS 46
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 13-MA
                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 94111-3834
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                                                                                                                                                               CLASSIFICATION:
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                                Dow, Karen B.
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(212) 869-8864/9741
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                                                                                                                                                                                                                                                                                                                                                                                                Townsend and
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                                                                                                                                                                                13-MAR-1998
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                                                                                                                                WO PCT/GB96/02658
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             29,684
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018317-000100US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1;
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Query Match
Best Local Similarity
has 7; Conserve
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                                                                                 ; MOLECULE TYPE:
PCT-US96-12374-2
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Northrup, Thomas E.
REGISTRATION NUMBER: 33,2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (312) 616-5400
                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     160 ASSSSSE 166
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                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 180 N. S
CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 1..235
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                               TOPOLOGY:
                                                                                                                               TYPE:
                                                                                                                                                                                                  TELEFAX:
                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: NOR3446P020PC
                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
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                                                                                                                           amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Northwestern University
                                                                                                                                                                                                  (312) 616-5460
                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
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              Conservative
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SYSTEM: PC-DOS/MS-DOS
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                                                                                              protein
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100.0%; Pred. No.
                          100.0%;
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                          2.3%; Score 7;
100.0%; Pred. No.
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              Mismatches
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                             DB 5;
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              Indels
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165 CPPGTFS 171

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                                                                                                                          RESULT
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US-08-965-903B-8
                                                                              Patent No. 6136596
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Best Local
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                                                                          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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ORIGINAL SOURCE:
                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 07-NOV-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 650-324-0880
             TITLE OF INVENTION:
                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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                                                                                                                                                                                      161 SSSSSEQ 167
                                                                                                                                                              127 SSSSSEQ 133
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/965,903B FILING DATE: 07-NOV-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 60 FILING DATE: 07-NOV-1996
                                                                                                                                                                                                              Local Similarity
les 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                            315 amino acids
                                Whitmarsh, Alan
Tournier, Cathy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Krasnow, Mark A.
VENTION: SPROUTY PROTEIN AND CODING
                                                           Davis, Roger J.
                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hacohen,
                                                                                                                                                                                                                                                                                                                                       SS: single
linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dehlinger & Associates
O Cambridge Ave., Suite 250
                                                                                                                                                                                                                                                                                                               protein
internal
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ACTIVATED
                       CYTOKINE-,
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           HUMAN PROTEIN KINASE KINASES
                                                                                                                                                                                                                Mismatches
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                                                                                                                                                                                                                                      Length 315
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                                                                                                                                                                                                                                                                                                                                           Sequence 5, Applica Patent No. 5593879
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 393 amino
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION: APPLICANT: Stelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08, FILING DATE: 07-JUL-1997 PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/530 FILING DATE: 19-SEP-1995 APPLICATION NUMBER: 08/440
                       REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 079
TELECOMMUNICATION INFORMATION:
TELECHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                     TITLE OF INVENTION: Cell Death Genes of Drosophila TITLE OF INVENTION: Melanogaster and Vertebrate Analogs
                                                                                                                                                                                                                                                                 APPLICANT: Grether, Megan E. APPLICANT: White, Kristin
                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
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TELEFAX: 617/542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM COOPERATING SYSTEM:
                                                                                                                      ZIP: 02173
                                                                                                                                 COUNTRY:
                                                                                                                                               STATE:
                                                                                                                                                           CITY: Lexington
                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Fasse, Peter J. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity les 7; Conserv
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Two Militia Drive
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225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              393 amino acids
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Abrams, John M.
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WBER: US/08/123,343A
L7-SEP-1993
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100.0%; Pred. No.
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CLASSIFICATION:

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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 61861-9540 INFORMATION FOR SEQ ID NO: 5:
                                                                 NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Grether, Megan E.
APPLICANT: White, Kristin
TITLE OF INVENTION: Cell Death Genes of Drosophila
TITLE OF INVENTION: Melanogaster and Vertebrate Analogs
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
TELEFAX: 61861-9540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 410 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 15-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricla
REGISTRATION NUMBER: 32,227
                                                                                                                                                                                    APPLICATION NUMBER: US 08/004,957 FILING DATE: 15-JAN-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    159 SASSSSS 165
                                                                                                                               NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: MIT-5907A
                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/123,343A FILING DATE: 17-SEP-1993
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 STRANDEDNESS
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                               ENGTH:
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RESULT 29
US-08-795-303-16
; Sequence 16, Application US/08795303
; Patent No. 5948656
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; Sequence 16, Application US/08318947A
; Patent No. 5798245
; GEMERAL INFORMATION:
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                                                                                                                                                                                                                                       ; TOPOLOGY: linear; MOLECULE TYPE: protein US-08-318-947A-16
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                                                                                                                                                           Matches
                                                                                                                                                                       Query Match
Best Local Similarity
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/133,530
FILING DATE: 07-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mack, Susan J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 06-OCT-CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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CURRENT APPLICATION NUMBER: USC. 947A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Anderson, Paul J.
APPLICANT: Tian, Qingsheng
TITLE OF INVENTION: TIA-1 BINDING PROTEINS AND ISOLATED
TITLE OF INVENTION: COMPLEMENTARY DNA ENCODING THE SAME
NUMBER OF SEQUENCES: 21
                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 430 amino acids
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
STREET: 2100 Pennsylvania Avenue, NW Suite 800
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                                                                                                             229 LQRLLQA 235
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CITY: Washington
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                                                                                                                                                                                                                                                                                      TYPE:
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ZIP: 20037
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Pred. No.
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o. 1.1e+02
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    tent No. 5928941
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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ADDRESSEE: Fish & Richardson P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lee, Mu-En
APPLICANT: McA'Nulty, Megan M.
TITLE OF INVENTION: REPRESSOR KRUPPEL-LIKE FACTOR
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TELEFAX: 6491103
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TITLE OF INVENTION: TIA-1 BINDING PROTEINS AND ISOLATED
TITLE OF INVENTION: COMPLEMENTARY DNA ENCODING THE SAME
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les 7; Conser
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REGISTRATION NUMBER: 30,951
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                                                                                                                                                  COUNTRY: USA
ZIP: 02110-2804
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DPERATING SYSTEM:
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2100 Pennsylvania Avenue, NW Suite 800
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100.0%; Pred. No
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o. 1.1e+02;
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Best Local Similarity
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                                                                      FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/946
APPLICATION NUMBER: 60/030
FILING DATE: 05-NOV-1996
APPLICATION NUMBER: 60/027
FILING DATE: 07-OCT-1996
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                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lee, Mu-En
APPLICANT: MCA'Nulty, Megan M.
TITLE OF INVENTION: REPRESSOR KRUPPEL-LIKE FACTOR
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FILING DATE: 07-OCT-
PRIOR APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                        SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA:
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                                                        ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     120 SASSSSS 126
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            NAME: Creason, Gary L. REGISTRATION NUMBER: 34 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Creason, Gary L. REGISTRATION NUMBER: 34 REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/0
                                                                                                                                                                                                                                                                                                                             STATE:
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                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Fish & Richardson P.C. STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/0 FILING DATE: 05-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION:
                                                                                                                                                                                                                                                                                                                                        Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            470 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       617-542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                    IBM Compatible
SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       07-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    internal
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                                                                                     60/027,521
                                                                                                                60/030,035
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                                                                                                                                             08/946,241
                                                                                                                                                                                         US/09/309,053
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                          34,310
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              05433/027001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    05433/027001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 470;
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INFORMATION FOR SEQ ID NO:

TELEFAX:

617-542-8906

SEQUENCE CHARACTERISTICS: LENGTH: 470 amino acid

H: 470 amino acids amino acid

linear

protein

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; TOPOLOGY: 1ir
; MOLECULE TYPE:
; FRAGMENT TYPE:
US-09-309-053-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Thehes 7; Conserv.
            Query Match
Best Local Similarity
Thes 7; Conserve
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                                                                                                                                                                                                               REPERENCE/DOCKET NUMBER: 34,310
REPERENCE/DOCKET NUMBER: 0543:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-8906
TELEFAX: 617-542-8906
TELEFAX: 200154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       08-946-241B-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                        NFORMATION FOR SEQ ID NO:
                                                                                                               MOLECULE TYPE: FRAGMENT TYPE:
                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 479 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US.08/946,241B
                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,035
FILING DATE: 05-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lee, Mu-En
APPLICANT: MCA'Nulty, Megan M.
TITLE OF INVENTION: REPRESSOR
                                                                                                                                                                                                                                                                                                                       FILING DATE: 07-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                120 SASSSSS 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           159 SASSSSS 165
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159 SASSSSS 165
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/027,521
APPLICATION NUMBER: 60/027,521
TTTMG DATE: 07-007-1996
                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM COLOPERATING SYSTEM:
                                                                                                                                                          TYPE: amino
                                                                                                                                                                                                                                                                                            NAME: Creason, Gary L. REGISTRATION NUMBER: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    02110-2804
                                                                                                                                                                      479 amino acids
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                           Conservative
                                                                                                                                            linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IBM Compatible
                                                                                                                                                           acid
                                                                                                               internal
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                                                                                                                              protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REPRESSOR KRUPPEL-LIKE FACTOR
                                       2.3%;
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100.0%;
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                                       Score 7;
Pred. No.
                             Mismatches
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                     DB 2; L~
No. 1.2e+02;
0;
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                                                   Length 479
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US-09-309-053-9
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                                                                                                                                                       US-08-469-412A-7
                                                                                                                   Sequence 7, Application US/08469412A Patent No. 5856125
                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                                     GENERAL INFORMATION:
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APPLICANT: Lee, Mu-En

APPLICANT: McA'Nulty, Megan M.

TITLE OF INVENTION: REPRESSOR KRUPPEL-LIKE FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 34,310
REFERENCE/DOCKET NUMBER: 05-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/309.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 479 amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 07-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Creason, Gary L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                   APPLICANT:
                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                     APPLICANT
                                                     APPLICANT:
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                                                                                                                                                                                                                           129 SASSSSS 135
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          129 SASSSSS 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 61/-542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/030,035
FILING DATE: 05-NOV-1996
APPLICATION NUMBER: 60/027,521
FILING DATE: 07-OCT-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 225 E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 08/9 FILING DATE: 07-0CT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Creason, Gary L
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 02110-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Fish & Richardson P.C. STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                  : 479 amino acids amino acid
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                                                                                                                                                                                                                                                                                            Conservative
                                                 Fisher, Robert J.
                                                                   Blair, Donald G
                                                                                   Mavrothalassitis, George
                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
Athanasiou, Meropi A.
Sgouras, Dionyssios N.
                                 Beal Jr., Gregory J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                    internal
                                                                                                                                                                                                                                                                                                                                                                                                                    protein
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                                                                                                                                                                                                                                                                                                                            Length 479
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TITLE OF INVENTION:

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В
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US-09-021-715-7
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                                                                                                                                                                                                                                                                                                                                          Sequence 7, Applicatio Patent No. 6194547 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: 050 SEQUENCE CHARACTERISTICS: LENGTH: 543 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 015280-:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,412A
FILING DATE: 05-UN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             355 SASSSSS 361
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              159 SASSSSS 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: Two Embarcac
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          \DDRESSEE:
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                       APPLICANT: Mavrothalassitis,
Blair, Donald G.
                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                             Sgouras, Dionyssios N. TITLE OF INVENTION: The ERF Genetic Locus and Its Products
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                                                                             STATE: California
                                                                                                                                                                                                                                                                                                                                                                                 Application US/09021715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 California
                                                                              COUNTRY: USA
                                                                                                                                  STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                    ADDRESSEE: Townsend and Townsend and Crew LLF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E: Townsend and Townsend and Crew LLP
Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                         OF SEQUENCES:
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                   : San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (415) 576-0200
                                                                                                                                                                                                                                                                   Beal Jr., Gregory J.
                                                                                                                                                                                                                                                                                         Fisher, Robert J.
                                                                                                                                                                                                                                                  Athanasiou, Meropi A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               \dot{T} he ERF Genetic Locus and Its Products 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%;
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(first 8 amino acids from first exon not
included)"
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LOO.0%; Pred. No. 1.
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    015280-229000
                                                                                                                                                                                                                                                                                                                          George J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 2;
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Best Local Similarity
Matches 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 5856125
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 576-0 INFORMATION FOR SEQ ID NO: 7: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
                                                 ATTORNEY/AGENT INFORMATION: NAME: Garrett-Wackowski,
                                                                                                                                  OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Sgouras, Dionyssios N.
TITLE OF INVENTION: The ERF Genetic Locus and Its Products
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                NAME: Garrett-Wackowski, Eu
REGISTRATION NUMBER: 37,330
REFERENCE/DOCKET NUMBER: 01
                                                                                  FILING DATE: 05
CLASSIFICATION:
                                                                                                                                                                                           COMPUTER:
                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                  CITY: San Francisco
                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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                                                                                                                                                                                                                                               94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 1.543
OTHER INFORMATION: /note= "murine ERF am (first 8 amino acids from first exon not included)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/08469412A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 37,330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/021,715 FILING DATE: 10-Feb-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Protein LOCATION: 1..543
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                                                                                                                                                                                                                                                                                California
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                                                                                                                                                                                                                                                                                                                   Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blair, Donald G. Fisher, Robert J
                                                                                                                                                                                                                                                                   USA
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                                                                                      05-JUN-1995
N: 435
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                                                                                                                    US/08/469,412A
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                015280-229000
                                               Eugenia
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; SEQUENCE DESCRIPTION: SEQ ID NO: 2: US-09-021-715-2
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Best Local Similarity
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                                                              Matches
                                                                           Query Match
Best Local
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INFORMATION FOR SEQ ID NO:
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LENGTH: 548 amino acid
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/09/021,715
FILING DATE: 10-Feb-1998
CLASSIFICATION: <UNKnown>
363
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                               159 SASSSSS 165
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ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Mavrothalassitis, George
SASSSSS 369
                                                            Similarity
7; Conser
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                                                                                                                                                                                                          LENGTH: 548 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                     NAME: Garrett-Wackowski, Eugenia REGISTRATION NUMBER: 37,330
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TELEFAX: (415) 576-0300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: California
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RESULT 39
US-08-185-432-4
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Best Local Similarity
Thes 7; Conserve
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; MOLECULE TYPE:
US-08-185-432-2
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                                                                                                                                                                                                Sequence 4, Application Patent No. 5750652
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                                                                                                                                                                                 GENERAL INFORMATION:
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                                                               APPLICANT: Matsuno, Kenji
TITLE OF INVENTION: DELTEX PROTEINS, NUCLEIC ACIDS,
TITLE OF INVENTION: ANTIBODIES, AND RELATED METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,8
REFERENCE/DOCKET NUMBER:
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MEDIUM TYPE: Floppy disk
                               CORRESPONDENCE ADDRESS:
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                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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                 ADDRESSEE:
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(212) 869-8864/9741
: PENNIE & EDMONDS
1155 Avenue of the Americas
                                                                                                                                                               Artavanis-Tsakonas, Spyridon
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100.0%; Pred. No.
tive 0; Mismatc
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                                                                  AND COMPOSITIONS
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Best Local Similarity 100.
7; Conservative
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ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release
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REGISTRATION NUMBER: 18.872
REFERENCE/DOCKET NUMBER: 7328
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
APPLICATION NUMBER: US 07/935,898
FILING DATE: 26-AUG-1992
PRIOR APPLICATION NDATA:
APPLICATION UNBER: US 07/749,540
FILING DATE: 26-AUG-1991
                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 21-JAN-1994
                                                                                                                             CLASSIFICATION: 424
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: CHISARI, Francis V.
TITLE OF INVENTION: PEPTIDES FOR INDUCING CYTOTOXIC T
TITLE OF INVENTION: LYMPHOCYTE RESPONSES TO HEPATITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 737 amino acids
                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: One Market Plaza, Steuart Street Tower
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                      STREET: Une ...
CITY: San Francisco
                                                                                                                                                                   APPLICATION NUMBER: FILING DATE:
                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
TOPOLOGY: unknown
                                                                                                             APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                   RY: U.S.A.
94105-1492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/08416950
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100.0%; Pred. No
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                                                                                                                                                                                                                       Release #1.0, Version #1.25
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                                                                                                                                                                                      US/08/416,950
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o. 1.8e+02;
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Query Match
Best Local Similarity
"Thes 7; Conserv
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; MOLECULE TYPE:
US-08-416-950-11
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; MOLECULE TYPE: US-08-469-830-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                   TELEFAX: (415) 543-50 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                              FILING DATE: 26-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/749,540
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
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REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 147
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: PEPTIDES F
TITLE OF INVENTION: LYMPHOCYTE
                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                     FILING DATE: 02-AU APPLICATION NUMBER: FILING DATE: 26-AU
                                             TYPE: amino acid
STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                               TOPOLOGY:
                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
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One Market Plaza, Steuart Street Tower
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linear
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UMBER: US 07/935,898
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06-JUN-1995
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                                             single
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100.0%; Pred. No.
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                                                                                                                       US-08-480-662-2
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                                                                                       Sequence 2, Application US/08480662 Patent No. 5759782
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Best Local Similarity
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                                                          GENERAL INFORMATION: APPLICANT: Pastan
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INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: OSMAN, RICHARD A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: UT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
CORRESPONDENCE & TECHNOLOGY LAW GROUP
STREET: 268 BUSH STREET, SUITE 3200
CITY: SAN FRANCISCO
STATE: CALIFORNIA
              TITLE OF INVENTION: CELLULAR APOPTOSIS SUSCEPTIBILITY PROTEIN (CSP) AND AN NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Floppy
                                          APPLICANT: Brinkmann, Ulrich
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                159 SASSSSS 165
                                                                                                                                                                                   472 SASSSSS 478
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                                                          Pastan, Ira
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Pred. No.
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No. 2.1e+02;
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o. 2.1e+02;
                                                                                                                                                                                                                                                                         Length 875;
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; MOLECULE TYPE: pv
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N
; ORIGINAL SOURCE:
US-08-480-662-2
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Best Local Similarity
Thes 7; Conserv
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                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08918190 Patent No. 6072031
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APPLICANT: Pastan
APPLICANT: Brinkma
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                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                            TITLE OF INVENTION: CELLULAR APOPTOSIS SUSCEPTIBILITY TITLE OF INVENTION: PROTEIN (CSP) AND ANTISENSE CSP
            SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                              CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 07-JUN-1
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: Diskett
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TELEPHONE: 619-235-8550
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                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                        273 LVRLLQA 279
                                                                                                                                                                                                                                                                                                                                                                                             704 LVRLLQA 710
                                                                                                                                            STREET: 620 Newport CITY: Newport Beach
                                            COMPUTER: IBM COLOPERATING SYSTEM:
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   APPLICATION NUMBER:
                                                                                                                  COUNTRY:
                                                                                                                                       STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
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                                                        IBM Compatible
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N: 530
                                                                           Diskette
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US/08/918,190
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o. 2.3e+02;
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Gaps

FILING DATE: 07-JUN-1995 ATTORNEY/AGENT INFORMATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER:

08/480,662

CLASSIFICATION:

DATE:

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Best Local Similarity
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                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US08/480662
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                        OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 619-235-8550
TELEFAX: 619-235-0176
TELECOMMUNICATION INFORMATION: TELEPHONE: 619-235-8550
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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THE OF INVENTION: SUSCEPTIBILITY PROTEIN (CSP) AND ANTISENSE CSP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         704 LVRLLQA 710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        273 LVRLLQA 279
                            NAME: Israelsen, Ned A REGISTRATION NUMBER: 29 REFERENCE/DOCKET NUMBER:
                                                                                                                                            FILING DATE: 0 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                         CITY: Newport Beach
                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                           STREET:
                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE:
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                              NIH112.001QPC
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Best Local Similarity
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                                                                                                                                                                                                                                         FILING DATE: 22-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10930
FILING DATE: 09-DEC-1992
                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Rel CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                PRIOR APPLICATION DATA:
                                                                                                                         PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 19-OCT-
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TITLE OF INVENTION:
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                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                          PRIOR APPLICATION DATA:
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                                                                                                                                          APPLICATION NUMBER: US 01
FILING DATE: 11-OCT-1994
                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/01 FILING DATE: 07-MAR-1996
                                                  FILING DATE:
                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Philadelphia
                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewitz & ADDRESSEE: No. 6040140ris
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Canaani, Eli
VENTION: Diagnostics, Therapeutics and Methods
VENTION: for Detection and Treatment of Acute Leukemias
VENTION: Resulting from Chromosome Abnormalities in the All-1 Region
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ilarity 100.0%;
Conservative (
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14-MAY-1993
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MBER: US 07/888,839
27-MAY-1992
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                                                                                                                                                                                                          US 08/327,392
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                                                                 US 07/971,094
                                                                                                                                                        us 08/320,559
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FILING DATE: 11-DEC-1991 ATTORNEY/AGENT INFORMATION:

APPLICATION NUMBER:

UMBER: US 07/805,093 11-DEC-1991

REGISTRATION NUMBER:

DeLuca Esq., Mark

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Query Match
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                                                                                                                   TELEPHONE: (215) 568-
TELEFAX: (215) 568-34
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: proto HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO:
                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: DeLuca ESq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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     MOLECULE TYPE:
HYPOTHETICAL:
                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 1093 amino acids
                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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LENGTH: 1093 amino aci
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                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: One Liberty Place, 46th floor CITY: Philadelphia
                                    TOPOLOGY:
                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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568-3439
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-5. TJU-1262
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Query Match
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US-08-690-473-2
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                                                                                                                                          RESULT
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                                                                                        Sequence 2, Application US/09259821A Patent No. 6210926
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                                                                           GENERAL INFORMATION:
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Matches 7; Conserv
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                                                          APPLICANT:
                             APPLICANT: ROIZMAN, TITLE OF INVENTION:
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CURRENT APPLICATION NUMBER: US/09/259,821A
                FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                        NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
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TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-I
SOFTWARE: PatentIn Rel
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: US
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                           TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Highlander, Steven L. REGISTRATION NUMBER: 37,642
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Houston: Texas
                                                                                                                                                                                                                                                                                                                                                                           amino acid
                                                           LEOPARDI,
                                                                                                                                                                                                                                                                                                                                                                                         1298 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Roizman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Leopardi, Rosario
                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Arnold,
                ARCD: 317
                              HERPES SIMPLEX VIRUS ICP4 IS AN INHIBITOR OF APOPTOSIS
                                              BERNARD
                                                              ROSARIO
                                                                                                                                                                                                                                                                2.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HERPES SIMPLEX VIRUS ICP4 AS INHIBITOR OF APOPTOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              White & Durkee
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 37,642
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Pred. N
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Version #1.30
                                                                                                                                                                                                                                                                DB 2; 1
lo. 3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 5; Le
b. 2.6e+02;
                                                                                                                                                                                                                                                                                Length 1298;
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                                                                                                                                                                                                                                                   0;
                                                                                                                                                                                                                                                   0;
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1999-03-01

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В
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
US-08-559-303B-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; LENGTH: 1298
; TYPE: PRT
; ORGANISM: HERPES VIRUS, TYPE 1
US-09-259-821A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 50
US-08-559-303B-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 78, Application US/08559303B Patent No. 5824501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 2.3%;
Best Local Similarity 100.0%;
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESS:
AMSTER, ROTH.
AMSTER, ROTH.
AMSTER, ROTH.
AMSTER, WENUE
TY: NEW YORK
STATE: NEW YORK
COUNTRY: U.S.A.
ZIP: 10016
OMPUTER READ'
MEDIUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: NATHAN
APPLICANT: GRODEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT FILING DATE: 1999-03-0 PRIOR APPLICATION NUMBER: 08/0 PRIOR FILING DATE: 1996-07-26
                                                                                                                                                                                                                                                              TELEPHONE: (212) 697-5995
TELEFAX: (212) 286-0854 or 286-0082
TELEX: TWX 710-581-4766
INFORMATION FOR SEQ ID NO: 78:
                                                                                                                     TOPOLOGY: LIN MOLECULE TYPE: DESCRIPTION: Y
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: MET
TITLE OF INVENTION: OF I
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE DISKETTE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/559,303B
                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: NOVEMBER 15, 1995
ATTORNEY/AGENT INFORMATION:
NAME: ELIZABETH A. BOGOSIAN
                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                       ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 39,911
REFERENCE/DOCKET NUMBER: 63475/65
RELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 697-5995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             159 SASSSSS 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             191 SASSSSS 197
                                                                                                                                                                                      TYPE: AMINO ACID
STRANDEDNESS: SIN
                                                                      NAME/KEY:
                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NATHAN A. ELLIS, JAMES GERMAN, AND JOANNA GRODEN
                                                                                                                                                                           LINEAR
                                                                                                                       OTHER NUCLEIC ACID
                                                                                                                                                                                             SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         METHODS FOR DIAGNOSIS AND TREATMENT OF BLOOM'S SYNDROME 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ROTHSTEIN & EBENSTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  08/690,473
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; Pred. No. 3e+02;
....arches 0; Indels
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Query Match

2.3%;

Score 7;

DB 2;

Length 1417;

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Qy
                              Best Local Similarity 100.0%; Pred. No. 3.3e+02; Matches 7; Conservative 0; Mismatches 0;
 159 SASSSSS 165
                                Indels
                              0;
                              Gaps
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Search completed: May 23, 2001, 16:05:41 Job time: 633 sec

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310 SASSSSS 316